### ASX/Media Release

For Immediate Release - 15 June 2015



### Investor presentation - Chinese translation

Lion Energy Limited (ASX: LIO) – In the week of June 1-5 2015 a number Lion directors/senior management undertook a trip to China (Shenzhen and Shanghai) meeting potential investors.

During the trip we ran through the Investor Presentation, announced on June 2 2015, which we had translated to Chinese.

A copy of the Investor Presentation including the Chinese translation is attached.

Lion is hopeful of continued engagement with prospective investors in this dynamic country.

On behalf of the board of Lion Energy Limited.

**Kim Morrison** 

Managing Director and CEO

ENDS.

#### **About Lion**

Lion Energy Ltd is an ASX listed oil & gas exploration & production company focused on Indonesia, where it has been operating for some 15 years. It has two existing conventional Production Sharing Contracts (PSC's) – Seram and South Block A - and an early mover position in the fledgling Indonesian unconventional industry via two unconventional joint studies and two joint study applications.

Lion's leadership team has vast experience in the south-east Asian oil and gas industry, particularly Indonesia. The company has some significant Indonesian backed investors in Risco Energy and Tower Energy and a highly skilled advisory panel including North American unconventional experts.



RIGHT COMPANY 好的公司 RIGHT TIME RIGHT PLACE

好的时机 好的地点



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#### Forward-looking statements

Certain statements contained in this presentation, including information as to the future financial or operating performance of Lion and its projects are forward-looking statements. Such forward-looking statements:

- •should or can generally be identified by the use of forward looking words such as "anticipate", "believe", "expect", "forecast", "estimate", "will", "could", "may", "target", "plan" and other similar expressions within the meaning of securities laws of applicable jurisdictions, and include earnings guidance and statements of intention about future matters and the outcome and effects of the equity raising. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance are also forward looking statements;
- •are based upon a number of assumptions and estimates that, while considered reasonable by Lion, are beyond the control of the Company has they are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;
- •involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements; and
- •may include, among other things, statements regarding targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources and anticipated flow rates and are or may be based on assumptions and estimates related to future technical economic, market, political, social and other conditions.

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本文中所含的某些陈述属于前瞻性陈述,包括Lion未来财务或运营业绩和旗下项目方面信息。此类前瞻性陈述:

- ●应该/一般可通过"预期"、"相信"、"期望"、"预测"、"估计"、"将要"、"可以"、"可能"、"目标"、"计划"等前瞻性词语的使用或相关司法管辖区证券法规定意义内的其他类似表达来加以识别,这类陈述包括盈余预期和未来事件意向和股本融资结果与影响方面陈述。未来盈余、股息或财务状况或业绩方面的指示、准则或展望也属于前瞻性陈述;
- ●基于一些Lion认为合理但却超出公司控制范围的假设和预期,但这些假设和预期本身则受制于大量的技术、商业、经济、竞争、政治和社会不确定及偶然性:
- ●涉及一些已知和未知风险及不确定性,这些风险和不确定性可能会导致实际事件或结果与此类前瞻性陈述中反映的预计或预期事件或结果存在重大差异;
- ●除其他事项外,前瞻性陈述可能还包括生产、价格、运营成本、业绩、资本支出、储量和资源量及预期流量目标、预期和假设方面 陈述,这些陈述基于/可能基于一些与未来技术经济、市场、政治、社会和其他条件有关的假设和预期。

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Reserves & Resources, 1 Jan 2015 (Recoverable, net to Lion) <sup>1</sup>	Gas/Associated Gas (BCF)			Oil/Condensate (MMbbl)			Method
Reserves	1P	2P	3P	1P	2P	3P	
Total Reserves (Seram)				0.119	0.173	0.241	Deterministic
Contingent Resources	1C	2C	3C	1C	2C	3C	
Total Contingent Resources (Seram)	0.357	0.678	1.399	0.040	0.084	0.990	Deterministic
Prospective Resources <sup>2</sup>	Low	Best	High	Low	Best	High	
Prospective Resources-Seram <sup>3</sup>	0.2	0.6	2.1	0.1	0.5	1.5	Probabilistic
Prospective Resources-South Block A <sup>4</sup>	69.8	150.3	315.2	6.5	16.4	41.3	Probabilistic
Total Prospective Resources <sup>4</sup>	70.0	150.9	317.3	6.6	16.9	42.8	Probabilistic

#### Reserves & Resources estimates

- 1. Hydrocarbon reserves and resource estimates are expressions of judgment based on knowledge, experience and industry practice. Estimates that were valid when originally calculated may alter significantly when new information or techniques become available. In addition, by their very nature, reserves and resource estimates are imprecise and depend to some extent on interpretations, which may prove to be inaccurate. As further information becomes available through additional drilling and analysis, the estimates are likely to change. This may result in alterations to development and production plans which may in turn, adversely affect the Company's operations.
- 2. Prospective resources: the estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.
- 3. Seram prospective resources updated 6 November 2014 (Lion estimate on Lofin structure).
- 4. Aggregated by arithmetic summation The aggregate Low estimate may be a very conservative estimate and the aggregate High estimate may be a very optimistic estimate due to the portfolio effects of arithmetic summation

#### Competent Persons Statement: Qualified Petroleum Reserves and Resources Evaluator

Pursuant to the requirements of the ASX Listing Rules Chapter 5, the technical information, reserve and resource reporting provided in this document are based on and fairly represent information and supporting documentation that has been prepared and/or compiled by Mr Kim Morrison, Chief Executive Officer of Lion Energy Limited. Mr Morrison holds a B.Sc. (Hons) in Geology and Geophysics from the University of Sydney and has over 28 years' experience in exploration, appraisal and development of oil and gas resources - including evaluating petroleum reserves and resources. Mr Morrison has reviewed the results, procedures and data contained in this website. Mr Morrison consents to the release of this report and to the inclusion of the matters based on the information in the form and context in which it appears. Mr Morrison is a member of AAPG.

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储量和资源量,2015年1月1日(可采,归属于 Lion的净值) <sup>1</sup>	天然气/伴生气 (BCF)			原油/凝析液(百万桶)			方式
储量	1P	2P	3P	1P	2P	3P	
总储量(Seram)				0.119	0.173	0.241	确定的
潜在资源量	1C	2C	3C	1C	2C	3C	
潜在总资源量 (Seram)	0.357	0.678	1.399	0.040	0.084	0.990	确定的
远景资源量2	低	最佳	高	低	最佳	高	
远景资源量-Seram <sup>3</sup>	0.2	0.6	2.1	0.1	0.5	1.5	或然的
远景资源量-South Block A <sup>4</sup>	69.8	150.3	315.2	6.5	16.4	41.3	或然的
总远景资源量4	70.0	150.9	317.3	6.6	16.9	42.8	或然的

#### 储量和资源量评估

- 1.油气储量和资源量评估属于在知识、经验和行业惯例基础上给出的判断式表达。最初计算时生效的估算量可能会在新信息或技术变得可用时出现显著改变。此外,由于其本身的性质,所以储量和资源量评估是不精确的,且在一定程度上取决于解译结果(可能被证明是不准确的)。在进一步信息因额外钻探和分析而变得可用情况下,这些评估也可能会改变。这可能会导致公司的开发和生产计划发生改变,进而对公司的运营产生不利影响。
- 2.远景资源量:通过实施与未发现堆积物有关的未来开发项目而可能回收石油的估算量。这些估算存在相关发现风险和开发风险。需要通过进一步的勘探鉴定和评估来对大量潜在可移动油气的存在加以确定。
- 3. Seram远景资源量于2014年11月6日更新(Lion对Lofin结构的评估)。
- 4.算术总和合计:由于算术总和组合效应,所以低合计估算可能会是一个非常保守的估算,高合计估算可能会是一个非常乐观的估算。

#### 合资格人士声明:合资格石油储量和资源量评估员

根据澳大利亚证券交易所上市规则第5章规定,本文所提供的技术信息、储量和资源量报告基于且完全代表Lion Energy Limited首席执行官 Kim Morrison先生所准备和/或汇编的信息和支持性文件。Kim Morrison先生持有悉尼大学地质与地球物理学学士学位(荣誉),且在油气资源的勘探、评估和开发方面拥有逾28年经验,包括石油储量和资源量的评估。Morrison先生已审阅了本网站所载的结果、程序和数据。Morrison先生已对该报告的发布及以此类形式和此类语境中所出现信息为基础的事项的纳入表示赞同。Morrison是美国石油地质学家协会的成员。



## Lion's positioning in Indonesia /Lion 在印度尼西亚的定位

Conventional cashflow 传统能源现金流

> Lion Energy

Skills, strategy and unique ability to execute 技术、策略和执行的独特能力

> **Unconventional Upside** 非传统能源潜力

Local knowledge, relationships and skills

当地的知识、关系和技术



## Lion's unique value proposition Lion独特的价值主张

Linked conventional and unconventional growth model 将传统能源和非传统能源结合起来的增长模式

Strong growth driven management team 强大的增长驱动型管理团队

Strategy for success in untapped Indonesian shales and tight sands

在未开发的印度尼西亚页岩和致密砂层成功的策略

Superior local knowledge and contacts 良好的当地知识和人脉

First mover acreage build ongoing 第一个进入者,正在建立土地组合



### 6 Key Guiding Principals 六个关键的指导原则

### We seek 我们追求

- 1. Heartland positions in world-class basins 世界级盆地内的中心位置
- 2. High working interest positions, operatorship 较高经营权益和运营方地位
- 3. Close proximity to infrastructure/robust markets 临近基础设施/活跃的市场

- 4. Low risk conventional assets, near term production potential 低风险的传统资源资产、近期生产的潜力
- 5. Large upside, first mover unconventional advantage 巨大的潜力、首批进入者、非传统资源的优势
- 6. Best in country team 一流的团队

### What we are now我们公司当前的状况

## LICN

### Summary摘要

### Capital structure 资本结构

•Shares on issue: 96m •已发行股票: 9600万

•Market cap @15c: A\$14.4 million

•市值(以每股0.15澳元计算):1440万澳元

•Cash: A\$5.2mil (31/3/2015)

•现金:520万澳元(2015年3月31日)

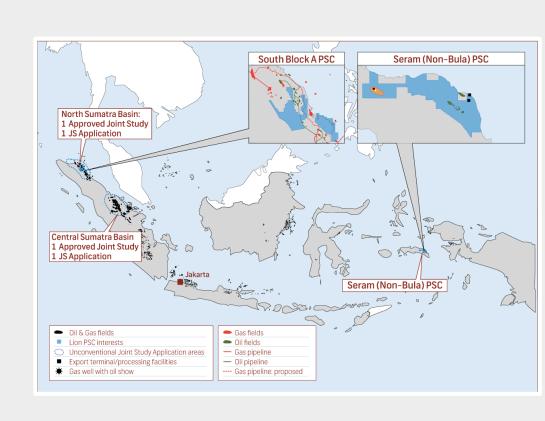
•Revenue: ~A\$2 million pa •营收:每年约200万澳元

### Major shareholders主要股东:

- •Risco Energy Investments (54.7%)
- •Tower Energy (6.6%)
- •Management管理层 (13.5%)

#### Assets资产:

- •Seram PSC (2.5%) production生产
- •South Block A (35%) exploration勘探
- •Two unconventional joint studies 两个非传统共同研究项目
- •Two unconventional JS applications 两个非传统共同研究项目应用



### Who we are

### Well rounded team, proven track records



- 35+ years experience in oil and gas
- Founder of Oilserv Australia Ltd, providing drilling, well testing and production services
- Former CEO of Western Resources NL,
   Entek Ltd and GM of a WA gas field operator

#### Russell Brimage Chairman



- Founding Director of Risco, former Director at PT Energi Mega Persada (EMP)
- Responsible for adding over 500mmboe 2P reserves through M&A in last 10 years
- Accounting and Investment banking background KPMG, UBS and ANZ

#### Tom Soulsby Non Executive Director



- Chartered Accountant, 20+ years in the Energy industry. Formerly Head of Oil & Gas Research for Asia Pacific with Merrill Lynch
- Leadership roles with private E&P companies, including CFO of leading Indonesian CBM company Ephindo Energy

**Stuart Smith Executive Director** 





- Exploration geologist, 28 years of international experience including a strong SE Asian focus
- Senior roles with Woodside, Shell, Marathon
- Co-founded KRX Energy in 2010 which became part of Lion in 2014

#### Kim Morrison Managing Director and CEO



Founding Director of Risco, former CEO of EMP, President of Santos Indonesia; MD, Fletcher/Shell in Brunei & President of IPA. 35 years experience, 14 in Indonesia in leadership, technical and commercial roles Geologist background, post graduate qualifications in finance and investment

#### **Chris Newton** Non Executive Director



- •Founder of Tower Energy; Founder/CEO of Ephindo, Indonesia's leading CBM company
- Senior management positions at: Unocal and Chevron Indonesia; Siemens; and Lafarge
- Excellent Government/Industry relations; Board Member of IPA and KADIN

Sammy Hamzah Principal Advisor

### 我们的团队

### 全面的团队,成功的经验



- 35年以上油气经验
- Oilserv Australia Ltd创始人,该公司提供 钻探、油井测试和生产服务
- Western Resources NL和Entek Ltd前首席 执行官, 曾在一家气田运营商担任总经理职 位

#### Russell Brimage, 董事会主席



- Risco创始董事, PT Energi Mega Persada (EMP)前董事
- 过去十年中通过并购增加了逾5亿桶油当量探明+基本探明储量
- 在毕马威、瑞银和澳新银行具有会计和投资银行经验

Tom Soulsby, 非执行董事



- 注册会计师,在能源行业有20年以上的经验。 美林银行前亚太区油气研究主管
- 在私营勘探生产公司担任过领导职位,包括在 印尼主要的煤层气公司Ephindo Energy担任首 席财务官

Stuart Smith, 执行董事





- 勘探地质学家, **28**年的国际经验, 专注于东南亚地区
- 在Woodside、壳牌和马拉松石油公司担任过 高级职位
- 2010年联合创立了KRX Energy, 2014年该公司成为Lion的一部分

#### Kim Morrison, 执行董事兼首席执行官



Risco创始董事,EMP前任首席执行官, Santos Indonesia总裁,文莱Fletcher/Shel I董事总经理,印尼石油协会会长 35年的经验,有14年在印度尼西亚的领导

地质学家背景,金融和投资专业研究生

、科技和商业经验

#### Chris Newton, 非执行董事



- ■Tower Energy创始人; 印尼领先的煤层气公司 Ephindo创始人/首席执行官
- ■在Unocal 和雪佛龙印尼、西门子以及拉法基担任 过高级管理职位
- ■卓越的政府/行业关系; 印尼石油协会和印尼工商 会董事会成员

Sammy Hamzah, 首席顾问

### World-class expertise



### Pre-eminent panel of industry advisors, wide-ranging skill set

#### Mr Roger Whyte Principal Advisor

- Geophysicist with extensive SE Asia exposure, Co-founder of KRX which is now a wholly owned subsidiary of Lion
- Excellent technical and management skills Indonesia Country Manager, Oilex; MD/CEO GulfX Limited; Commenced career with Shell, senior roles Union Texas, Trend Energy

#### Mr Michael Ellis Technical Advisor

- Drilling/Operations Engineer with 34 year in majors through small companies including US unconventional experience
- 20+ years in Jakarta & KL for ARCO, BP, Hess & Pexco. VP Exploitation for Maxus-YPF Repsol, responsible 150,000 bopd production

#### Mr Zane Lewis Company Secretary, Accounting

- Principal and joint-founder of corporate advisory firm SmallCap Corporate,
- Wealth of knowledge obtained from diverse financial and corporate experience
- Member of Chartered Secretaries Australia.

#### **Dr Andrew Cullen** Technical Advisor

- Petroleum geoscientist (BSc, MSc and PhD)
- Involved in international and Nth American discoveries/reserves additions >700 mmboe
- Senior Advisor to Chesapeake Energy working on major unconventional projects
- Nearly 20 years with Shell in Nigeria, Malaysia, the Netherlands and the US

#### Dr Harold Williams Technical Advisor

- Geochemist (BSc, MSc and a PhD) with strong unconventional expertise, Shale gas experience in Western Canada, Australia (NT) and Europe
- Senior technical positions with Caltex in Indonesia and published widely-cited papers on Sumatran petroleum systems.
- Strong operations experience with geological supervision of unconventional wells.

### 世界级的技术

### 杰出的行业顾问团、广泛的技能



#### Roger Whyte先生, 首席顾问

- 地球物理学家,在东南亚地区拥有广泛的经验,KRX的联合创始人, KRX 现在是Lion的全资子公司
- 卓越的技术和管理能力,Oilex印度区经理,GulfX Limited的执行董事 兼首席执行官;职业生涯始于壳牌,在Union Texas和Trend Energy 担 任过高级职位

#### Michael Ellis先生,技术顾问

钻探/运营工程师,在小型企业拥有34年的专业经验,包括北美非常规油气经验

在雅加达和吉隆坡拥有20年以上的工作经验,曾供职于ARCO、英国石油、Hess和Pexco。Maxus-YPF Repsol勘探副总裁,负责150,000桶油当量/天的生产

#### Zane Lewis先生, 公司秘书、会计

- 企业顾问公司SmallCap Corporate负责人兼联合创始人
- 从广泛的财务和企业经验中积累了丰富知识
- 澳洲注册秘书学会成员

#### Andrew Cullen博士, 技术顾问

- 石油地球科学家(理学学士、理学硕士和博士)
- 参与发现国际及北美资源发现/储量增加>7亿桶油当量
- Chesapeake Energy高级顾问,从事大型的非常规项目
- 在壳牌工作近20年,足迹遍及尼日利亚、马来西亚、荷兰和美国

#### Harold Williams博士, 技术顾问

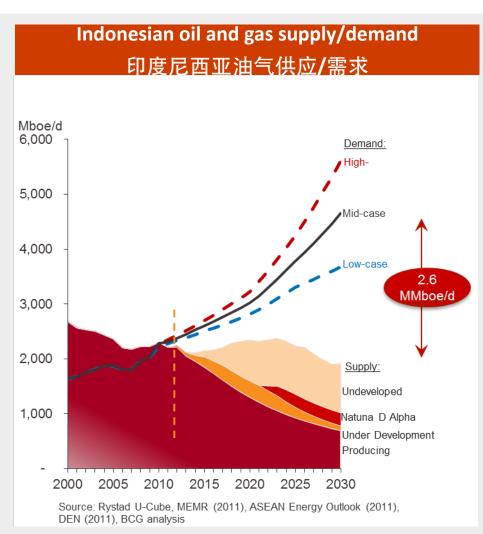
- 地球化学家, 在非常规油气领域经验丰富, 在加拿大西部、澳大利亚 (NT) 和欧洲拥有页岩气经验
- 在Caltex印尼公司担任高级技术职位,发表了被广泛引用的有关苏门答腊石油系统的文章
- 在非常规油井地质监察方面有着强大的运营经验

# Indonesia's investment rationale 印度尼西亚的投资理念



### A unique opportunity in SE Asia 东南亚的独特机会

- Worlds fourth-largest population (~250mil)
   世界第四人口大国(约2.5亿)
- Fast-growing economy (GDP ~ 6%pa) with oil and gas demand growing at > 5%pa
   经济快速发展(每年GDP增长约6%),每年油 气需求增长约5%
- Declining conventional oil/gas supply,
   Indonesia approaching net BOE imports
   传统油气供应不断下降,印度尼西亚接近成为原油当量净进口国
- Rising domestic gas prices (LNG pricing link), US\$8+/mmBtu
   印度尼西亚国内天然气价格不断上升(液化天然气定价连接),8美元以上/百万英热单位
- Regulatory changes promoting unconventional oil/ gas investment with competitive fiscal terms 为促进非传统油气投资变革法规,财政条款更加 具有竞争力
- Prolific hydrocarbon basins
   多产的碳氢化合物盆地

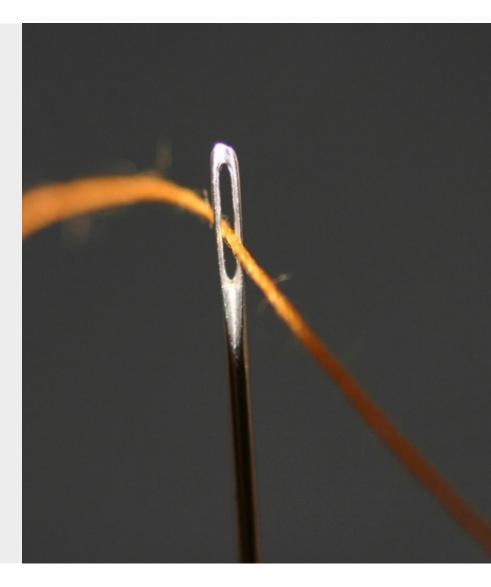


### Strategic focus战略焦点



### Linked conventional/unconventional approach 结合传统/非传统方法

- Focus on Sumatra: prospective geology, infrastructure and markets
   专注于苏门答腊:有前景的地质、基础设施和市场
- Using synergies in conventional exploration to understand our unconventional potential 利用传统资源勘探的协同效应理解我们的非传统资源 的潜力
  - Cost efficiencies 成本效率
  - Near/mid-term cash flow potential 近期/中期现金流潜力
- Adopt best practices from the US 采用来自美国的最好技术
- Apply best in-class technical, commercial, operational and market skills
   采用一流的技术、商业、运营和营销技术
- Portfolio attractive to large companies with capital, capability and strategic intent but no early mover position 资产组合吸引那些具有资金、能力、战略意 图但是没有早期进入的大型公司



### Delivering on our promises履行我们的承诺



Joint studies, Seram production, SBA portfolio upgraded联合研究项目、Seran产量、SBA组合提升

- Building significant unconventional acreage position 构建重要的非传统资源土地组合
  - Two joint studies awarded (~7,200 km²), others being progressed 被授予两个共同研究项目(约**7200**平方公里),其他的正在取得进展
  - Early mover position, sweet spots captured
     早期进入者 获得甜点
- Lofin-2 success / Lofin-2成功
- Strong production from Oseil field 来自Oseil油气田的良好产量
  - ~3400 bopd (85 bopd net) 约每天3400桶油当量(每天85桶油当量,净值)
  - Further development approval, increase up to ~4500 bopd (113 bopd net) planned 进一步开发批准,计划提高至约每天4500桶油当量(每天113桶油当量,净值)
- South Block A PSC new seismic firms up high impact gas condensate and low risk oil prospects 南区块A产量分成合同的新地震数据加强了影响大的天然 气冷凝液和低风险的原油前景区。
- Active new business program 活跃的新业务活动
- Prudent cash management 谨慎的现金管理



### Seram (Non-Bula) PSC



Block continues to exceed expectations区块继续超过预期



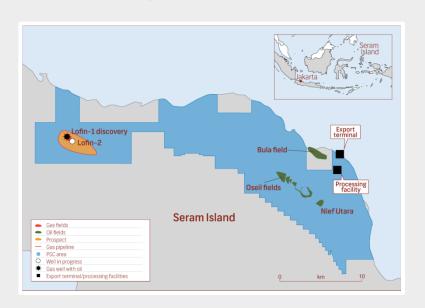
# Seram (Non-Bula) PSC Overview /Seram(Non-Bula)PSC概述



### Recent results highly material for Lion 最近的结果对于Lion来说非常重要

- 2.5% interest CITIC (operator), Kufpec and Gulf Petroleum as co-venturers /2.5%的权益 – CITIC (运营方), Kufpec and Gulf Petroleum为合作方
- Annual net revenue of circa A\$2 million 年度净营收约为200万澳元
- Attractive fiscal terms/large sunk cost pool 诱人的财政政策/大型沉没成本池
- PSC expiry 2019, JV working on renewal PSC于2019年到期,合资企业正在致力于续期

- Exciting results on Lofin-2 appraisal well Lofin-2评估井获得振奋人心的结果
- Continuing positive production and development results for Oseil field
   Oseil油气田持续获得积极的生产和开发结果



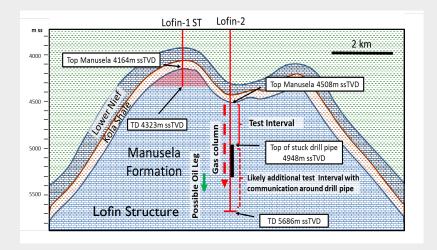


### Lofin-2 appraisal well /Lofin-2评估井



## Material gas discovery for Lion, ongoing evaluation 从印度尼西亚最深的陆上钻井获得非常振奋人心的结果

- Appraisal of Lofin discovery -15.7mmscfpd gas and 171 bpd of 36.1° API condensate
   评估Lofin发现区 每天1570万百万立方英尺天然气和每天171桶API为36.1度的冷凝液
- Lofin-2 test of potential HC column extent in fractured Manusela limestone Lofin-2测试潜在的碳氢化合物在断裂的Manusela 地层石灰岩中的范围
- Reached total depth of 5,861m MD/ 5,686m
   ssTVD 达到了总深度5,861m MD/ 5,686m ssTVD



- Wireline pressure testing indicates at least 1106m gas column within Manusela limestone, with up to 1300m column possible in large Lofin feature 电缆式压力测试表明至少存在1106米气柱,可能 包含油柱
- Gas test at up to 17.8 mmcfgd on 52/64" choke with 2250 psi flowing pressure (approx. 100 hours flow on 52/64" choke)
   钻探管留在钻孔中的运营问题限制了裸井测试间隔至437米。

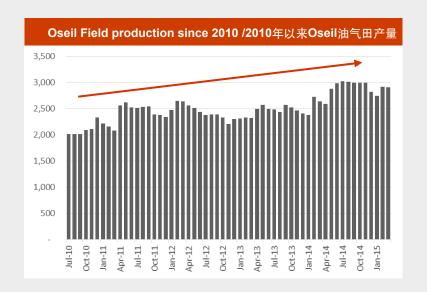


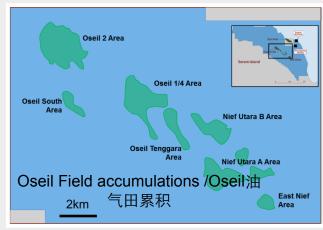
### Oseil Field /Oseil油气田

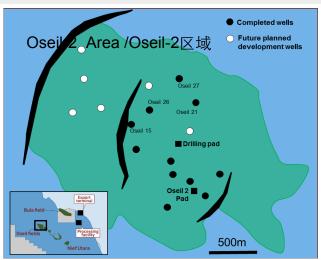


### Production and development drilling success 生产和开发钻探成功

- Gross production ~3,400 bopd 总产量约为3400桶
- 2014 Oseil-21 and -26 development wells currently producing over 1,100 bopd combined
   2014 Oseil-21和26开发井目前总共每天生产1100桶以上原油。
- Oseil-27 completed May 2015, producing ~650bopd, accessing ~0.5 mmbbl
   2015年完成的Oseil-27井,目前每天生产约650桶原油,获取约50万桶
- Phase 3 development plan approved, potential to increase production to ~4,500 bopd
   已批准三期开发计划,有潜力将产量提高至约每天4500桶。





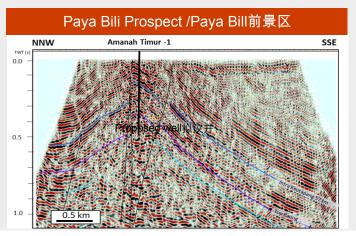


### South Block A PSC (35%)南区块A PSC(35%)



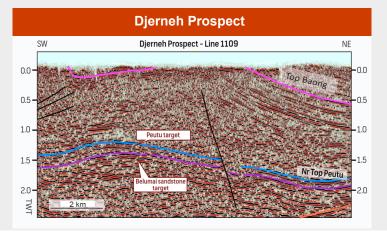
### Heartland position in prolific basin 多产的盆地内的中心位置

- Exciting, underexplored block激动人心的未开发区块 (1894km²)
- 2013 Matang-1 discovery in adjacent PSC 在邻近PSC 2013年的Matang-1发现区
- New pipeline through area贯穿整个区域的新管道:
  - Recent Block A gas contract US\$9.45 mmbtu
  - 最近的区块A天然气合同 每百万英热单位9.45美元
- 183 km seismic program complete完成183千米地震测试活动:
  - · Paya Bili Prospect low risk, shallow oil
  - Paya Bill前景区 低风险、浅层油
  - Djerneh Prospect "company maker" gas/cond
  - Djerneh前景区 "打造成一家公司"天然气/冷凝液
- Priority rights for unconventional JSA/PSC对非传统JSA/PSC有优先权



## Map of South Block A PSC showing key prospects 显露主要前景区的南区块A PSC的地图





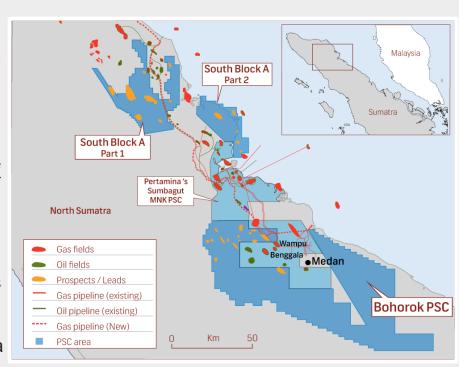
### **North Sumatran Unconventional**

### 北苏门答腊非传统资源



February approval of 4684 km² Joint Study二月份批准了4684平方千米的联合

- 研究区域
- Lion 55% with partners of overlapping conventional Bohorok PSC (Bukit, NZOG, SBL) 45% /Lion持有55% 权益,合作伙伴持有45%权益,合作伙伴拥有重叠的传 统Bohorok PSC (Bukit, NZOG, SBL)
- Adjacent to PERTAMINA's unconv. Sumbagut MNK PSC (first unconv. PSC awarded in Indonesia) 临近PERTAMINA的非传统Sumbagut MNK PSC (印度 尼西亚授予的第一个非传统PSC)
- Suitable geology: Key targets have properties analogous to successful US unconventional plays 适合的地质条件:主要靶区的特点与美国成功的非传统 油气藏相似。
- Access to infrastructure and markets: Recent gas at a price of US\$9.45/mmBtu获得基础设施和市场:最近的 天然气价格为每百万英热单位9.45美元。
- Attractive operational environment诱人的运营环境
- Multi-tcf / multi-100's mmbbl potential
   几万亿立方英尺天然气/上亿桶原油的潜力



Early mover advantage has allowed Lion to stake claim over some of the most prospective parts of the North Sumatran Basins 早期进入的优势令Lion在北苏门答腊盆地中最有前景的一些地区标桩

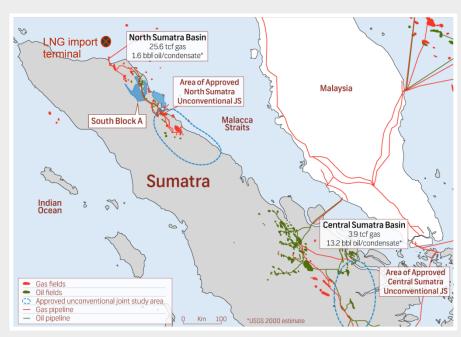
### **Central Sumatra Unconventional**

中苏门答腊非传统能源 Unconventional JS in Bengkalis Graben area (2,478 km²)

在Bengkalis Graben区域(2,478 km<sup>2</sup>)的非传统能源的共同研究项目



- Lion 75% and operator of joint study, with conventional PSC holder at 25% /Lion持有75%权益。 是共同研究项目的运营方,传统PSC持有者拥有25% 权益
- Bengkalis Graben located in the east of the prolific Central Sumatra Basin, hosts major discoveries / Bengkalis Graben位于多产的中苏门答腊盆地东部, 包含多个大型发现区
- Prospective source rocks at a suitable maturity and depositional setting to be attractive unconventional targets 有前景的生油岩,位于合适的成熟和沉积环境 中,将成为诱人的非传统能源靶区
- Lion evaluation indicates significant shale gas/oil & tight gas/oil potential / Lion的评估表明有大量页岩气/ 油和致密气/油的潜力
- Additional Joint Study Application in Central Sumatra being progressed and actively reviewing new opportunities 在中苏门答腊正在推进更多的共同研究 活动,也正在评估新的机会



Joint study process provides cost effective mechanism (~US\$300K) to gain priority rights for subsequent PSC gazettal over large areas 共同研究提供了有成本效益的机制 (~US\$300K),以便获 得在较大区域内的后续PSC的优先权

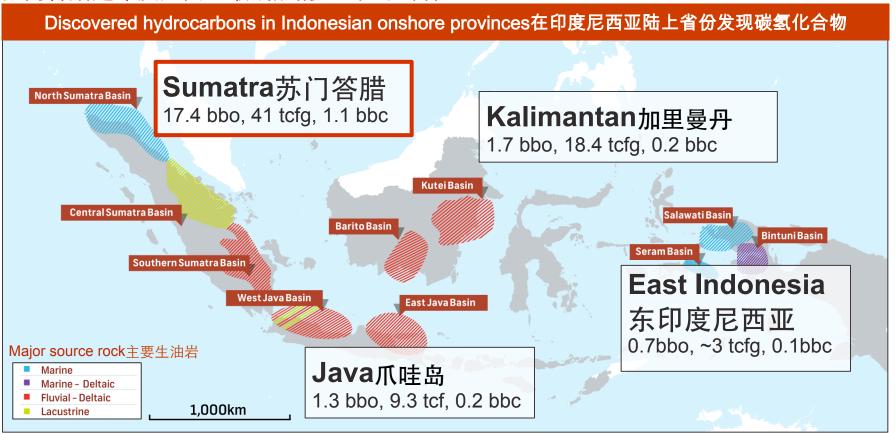
### **Indonesian World Class Oil/Gas Basins**

### 印度尼西亚世界级的油气盆地



Sumatra is Indonesia's most established hydrocarbon province

苏门答腊是印度尼西亚最成熟的油气生产省份



Source oil and gas reserves: IHSE (Onshore volumes only shown)

- Long history of oil and gas operations 油气运营的历史长
- Lion targeting Sumatran basins for linked conventional/unconventional strategy, 65% of onshore conventional reserves, gas market access & infrastructure / Lion专注于苏门答腊盆地,结合传统/非传统能源的策略,65%的陆上传统能源储量、天然气市场和基础设施

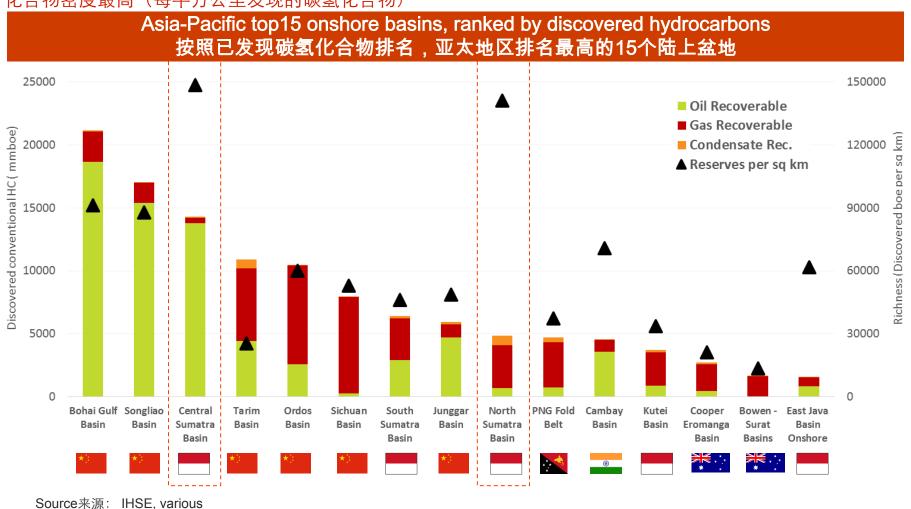
### Indonesia's Prolific Onshore Basin

### 印度尼西亚多产的陆上盆地



5 basins in top 15 in region by discovered onshore conventional HC's

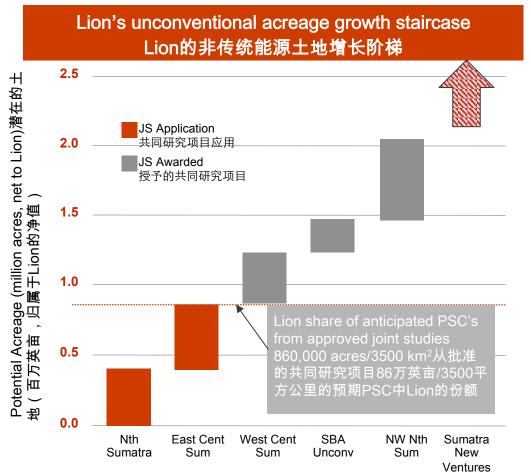
North & Central Sumatra highest hydrocarbon density (disc. HC's per km²) 以已发现陆上传统碳氢化合物作为比较基准,该地区最好的15个盆地中的5个盆地,北和中苏门答腊的碳氢化合物密度最高(每平方公里发现的碳氢化合物)



### The unconventional acreage build非传统能源土地的积累 LIC



Targeting 2 million plus net acres in prolific Sumatran basins 多产的苏门答腊盆地内200万净英亩以上 energy Early days but assessments point to multi-tcf gas/multi-100's mmbbl oil upside 尚处于早期,但是评估表明有几万亿立方英尺天然气/几亿桶原油的潜力



#### US unconventional examples美国非传统能源案例

	Net acres 净英亩	Proved reserves (boe) 探明储量 (桶油当量)	Net production boe/d 净产量 桶油 当量/天
Chesapeake	2,660,000	2.47 billion /24.7 亿	640,000
Continental	1,650,000	1.35 billion /13.5 亿	200.000
Marathon Oil Corporation	780,000	~1.0 billion 约10亿	206,000
MAGNUM HUNTER RESOURCES CORPORATION	570,000	83 million / 8300万	<b>32,000</b> sites 来源:公司网站

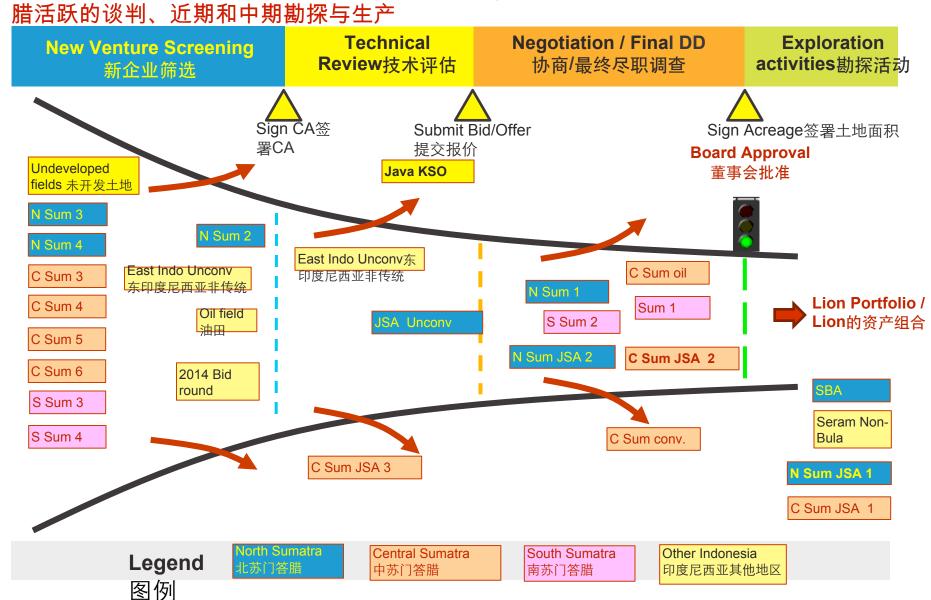
Source: Company websites 来源: 公司网站

Joint studies - cost effective process to secure large areas with material upside (cost approx. US\$2 to 3 dollars/per acre including study and signature bonus) 共同研究项目 – 成本效益过程,以获得有很大潜力的大

### Lion Opportunity Funnel – New Business /Lion机会 – 新业务



Active negotiation, near-mid term exploration & production in Sumatra在苏门答



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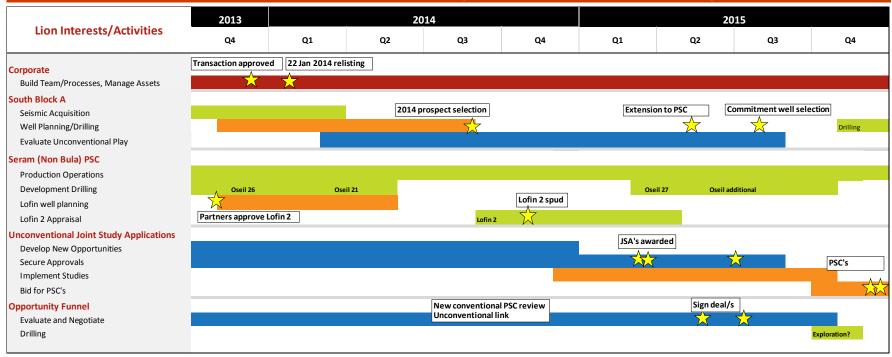
### Milestones里程碑



Active program - good news flow, base funded through 2015

活跃的活动 - 好消息不断, 基础资金可以支撑我们运营至2015年底

Lion activity and key event timeline (4Q-2013 to end-2015) Lion的活动和关键事件的时间表(2013年第四季度至2015年末)



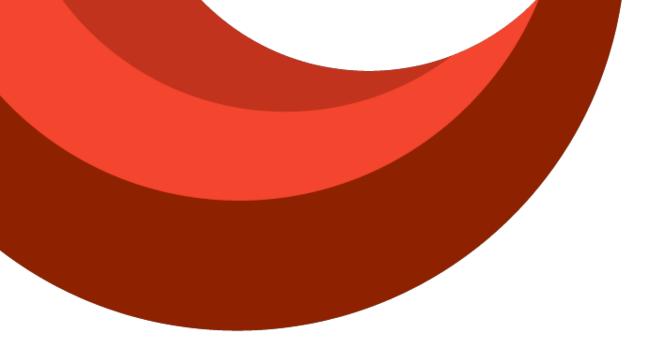


#### Forecast Key Event /News flow



(Note: There is no guarantee that activities shown will occur. In addition, the timing of anticpated activities is indicative only. They are dependant on factors such as Government of Indonesia and Joint Venture approval, rig availability and unforseen delays)

As of May 2015



## Thank you 谢谢

For more information please contact欲了解更多信息,请联系:

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