

**Rampart** Energy Limited

Rampart Energy Ltd (RTD.ASX) has entered into an agreement to earn into 38,000 net acres in the prolific North Slope of Alaska.



Investor Presentation – May 2013



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# **Corporate Overview**

Rampart Energy Ltd (ASX: RTD) is an oil and gas explorer focused on dual plays with conventional and unconventional oil and gas potential in the North Slope, Alaska.

The North Slope is a proven prolific oil and gas province and home to the largest producing oil field in the U.S., Prudhoe Bay. Rampart has secured an early mover position in the heart of the unconventional play fairway south of the Kuparuk and Prudhoe Bay fields.

SHARES ON ISSUE:	1,765m
Share Price (16/05/13)	0.3¢
Market Cap (AUD)	\$5.2m
Cash at 31/03/13 (AUD)	\$0.8m
Debt	nil

### SHAREHOLDER SUMMARY

Top 20 shareholders	61.70%
No of shareholders	~1,100

### **BOARD OF DIRECTORS:**

Mr. Torey Marshall	Managing Director
Dr. Raymond Shaw	Non Executive Chairman
Mr. Malcolm Lucas-Smith	Non Executive Director & Co Sec





# What we were looking for

- First mover advantage
- Target liquids rich plays
- Low sovereign risk
- Surrounding infrastructure
- Attractive fiscal terms
- High equity position

Provides commercial leverage

Better economics

Supports ability to do business

Supportive economics and faster time to production

Assists prompt commercialisation

Enhance farm-out leverage

## Strict criteria applied to maximise shareholder value





# North Slope, Alaska: One of the last significant shale plays in the US



- Agreement to earn up to 38,000 net acres in the prolific North Slope of Alaska
- Acreage located in close proximity to the largest oil fields in the US (Prudhoe Bay)
- Onshore oil and gas play with significant upside potential
- Shale oil and conventional oil prospectivity

- Material acreage position provides leverage for monetisation (e.g. farm-out)
- Low cost of entry and attractive terms
- Significant drilling activity in region with success value accretive to Rampart
- Potentially one of the last significant shale plays in the US



# **Transaction Summary**

- Agreement to earn up to 38,000 net acres in the prolific North Slope of Alaska across two contiguous blocks
- To earn an initial 10% working interest in the Western Block
  - Pay US\$3.4m in two tranches (\$100 per gross acre), half by June 3 2013 and half by December 1 2013
  - Issue Options to Royale to purchase US\$1.7m of RTD stock with a strike price of 150% of the VWAP prior to the signature on the agreement
- To earn an additional 20% working interest in the Western Block; acquire a 3D seismic survey over both the Western and Central Blocks by March 31 2014
- To earn a final 45% working interest in the Western Block; drill, test and complete two wells, including horizontal sections in target formations by March 31 2015
- To earn the 75% working interest in the Central Block, RTD must complete the 3D seismic survey above, and pay an additional US\$1.7m by June 30 2014



# **Compelling Commercialisation Opportunities**

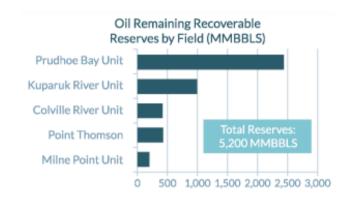


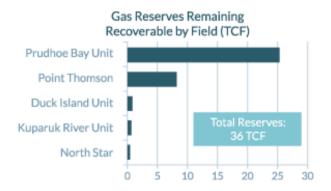
- Rampart Acreage
- Refinery
- Crude Export Terminal

- Alaska = 4<sup>th</sup> largest energy producing state in the US
- Alaskan Government pro development
- Rampart's acreage ideally located close to pipeline and refinery infrastructure
  - Pipeline infrastructure: Trans-Alaskan Pipeline at 42% capacity
  - Valdez Refinery: 60,000 bbl/day capacity
  - North Pole Refinery: 146,000 bbl/day capacity
  - Prudhoe Bay BP Refinery: 7,000 bbl/day capacity
  - Prudhoe Bay Conoco Refinery: 15,000 bbl/day capacity
- Light to medium crude
  - No heavy discount by refiners
- Supportive gas and electricity market
  - Gas prices between US\$6.00mcf US\$20.00mcf
  - Oil still used for electricity generation
- Excellent Government incentives
  - Cash rebates for exploration
  - Attractive fiscal terms on exploration



# Prudhoe Bay, North Alaska





- Prudhoe Bay is the largest producing oil field in the US and 18<sup>th</sup> largest worldwide
- Estimated 50 billion barrels (OOIP) and significant associated gas
- Produced 15 billion barrels to date
- 1mbopd and 6.75bcf gas per day
- > 1,000 currently producing wells
- World class infrastructure, very low sovereign risk, excellent fiscal regime

Source:
Alaska Department of Natural Resources, Division of Oil and Gas



# What Makes The Unconventional Play Attractive?

The North Slope ranks near the top of the list of US shale plays based on the mean estimate of the technically possible oil production, according to the USGS.

#### Bakken: 3,645 mm bbl

940 mm bbl

Eagle Ford:	853 mm bbl
<ul> <li>Woodford (Anadarko):</li> </ul>	393 mm bbl

Niobrara (Powder River Basin): 227 mm bbl

The US Geological Survey offered a breakdown of the technically recoverable oil, natural gas, and gas liquids in the three source rocks on the North Slope of Alaska

#### Shublik Shale Oil Assessment Unit

North Slope:

 Oil:
 0-928 mm bbl

 Associated Gas:
 0-981 Bcf

 Nat. Gas Liquids:
 0-26 mm bbl

### **Brookian Shale Oil Assessment Unit**

 Oil:
 0-955 mm bbl

 Associated Gas:
 0-1,996 Bcf

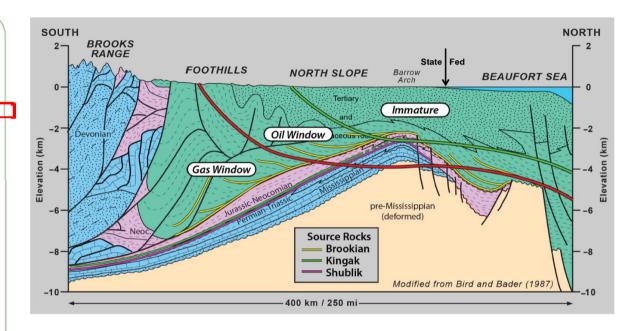
 Nat. Gas Liquids:
 0-51 mm bbl

### Kingak Shale Oil Assessment Unit

Oil: 0-117 mm bbl
Associated Gas: 0-238 Bcf
Nat. Gas Liquids: 0-6 mm bbl
Abbreviations:

mm bbl = million barrels Bcf billion = billion cubic feet

Source: USGS



- Shale thickness
- Quality and maturity of the shale units
- Comparisons with lower 48 equivalents that are highly productive
- USGS estimates 2 billion barrels of recoverable oil and up to 80tcf gas from the key units

Source

US Geological Survey Fact Sheet Assessment of Potential Oil and Gas Resources in Source Rocks of the Alaska North Slope 2012 http://energy.usgs.gov



# **Key Unconventional Characteristics**

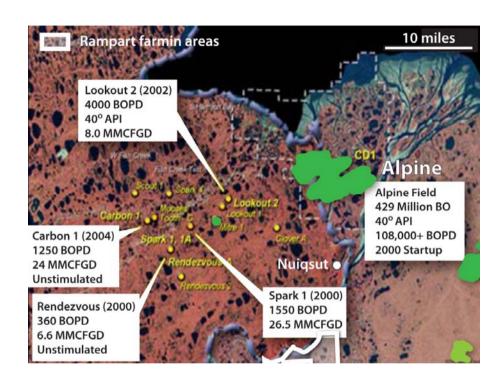
### North Slope Unconventional Characteristics

	Bakken	Eagle Ford	Shublik	Kingak	Hue/HRZ
Total Organic Carbon	10%	2-7%	2.4% Ave	5% Ave	3% Ave
Main Kerogen Types	1/2 (oil)	1/2 (oil)	1/2 (oil)	2-3(oil-gas)	2/3 (oil-gas)
Oil Gravity (API)	42	30-50	24	40	38
Thickness	up to 100ft	50-250ft	up to 600ft	175-550ft	100-800ft
Thermal Maturity	imm oil/gas	imm oil/gas	imm oil/gas	imm oil/gas	imm oil/gas
Lithology and Variability	sh-slt-sh	sh-slt-ls	sh-slt-ls	shale	sh-tuff

• Prudhoe Bay's Shublik, Kingak and HRZ/Hue characteristics mirror those of the Eagle Ford and Bakken



# Conventional Upside Provides Near Term Production Potential

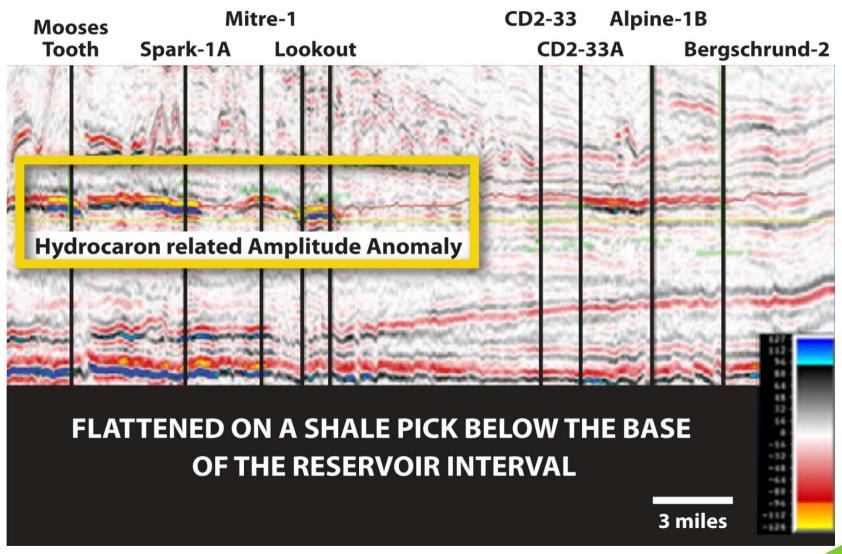


- Jurassic is an emerging play, 429 MMBO
   Alpine field (discovered in 1994)
- Since that first discovery the Joint Venture partners who discovered Alpine (ConocoPhillips & Anadarko), have announced the discovery of oil/gas or condensate in 8 wells, 4 of which had very good flow tests
- Repsol announced additional discoveries in April 2013

Well	Year Flow	w rate
Spark 1	2000	1550BOPD, 26.5MCFD
Rendezvous A	2000	360BCD, 6.6CMMCFD
Lookout 2	2002	4000BOPD, 8MMCFD
Carbon 1	2003	1250BCD, 24MMCFD

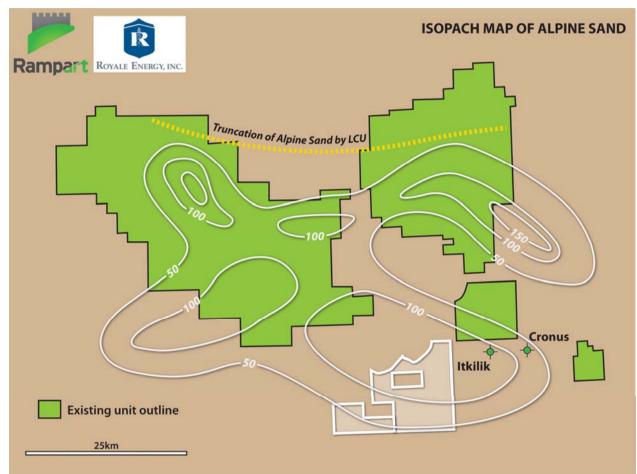


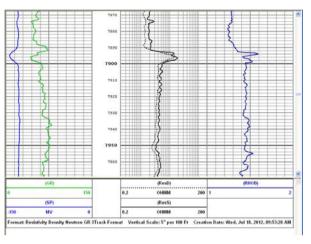
# Seismically Defined Upside based on Analogies Nearby



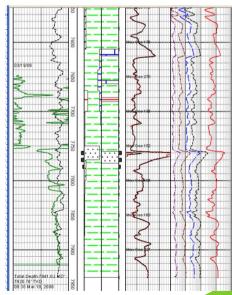
# Jurassic Potential of the Western Block

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# Fiscally Attractive, Significant Incentives

- The Department of Natural Resources (DNR) offers incentives to encourage exploration and development (E&P) on the North Slope
- E&P incentives Alaska Clear & Equitable Shares (ACES) Cash Rebate
  - Credits & rebates for ~ 50% of exploration drilling and geophysical costs
  - Cash rebate Not repayable
  - Not contingent on success
  - US\$1.2 billion rebated in past 3 years
- Favourable E&P tax jurisdiction
  - ~ 40% tax credit on seismic and exploration well costs
  - $\bullet$  ~ 40% tax credits for qualified capital expenditures issued by the Alaska Department of Revenue (ADR)
  - Credits provide a tax free threshold up to US\$12 million for producers
- Currently unconventional resource incentives are under review and could improve

~45% of Rampart's exploration expenditure qualifies for DNR rebates



# Key players in the region

- Significant activity around 1bn BOEs being developed in the region
- Super majors Chevron, Shell, ExxonMobil, ConocoPhillips, BP (onshore and offshore)
- Majors Anadarko, Repsol, Statoil, ENI are in joint venture with the Super majors and highly active in exploration generally onshore
- Large independent Pioneer Natural Resources (developing 100mmbbl at Nuna)
- Private company **Great Bear Petroleum LLC** drilled first shale wells in the North Slope, backed by large private funder, results expected to be made public during 2014













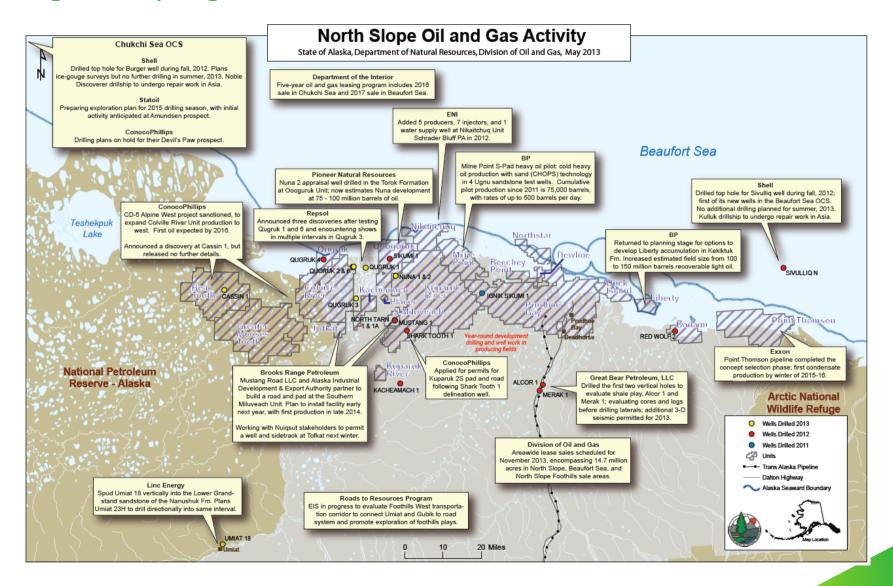






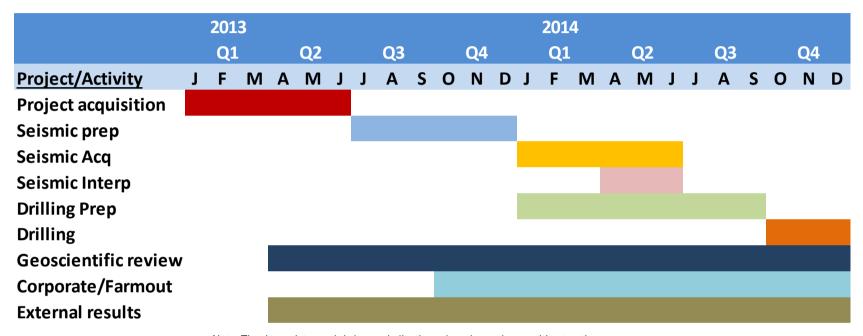


# Big Activity, Big Results





# Work Program and Timetable



Note: The above dates and timing are indicative only and may change without notice.



## 12 Month Milestones

- External drilling and seismic through Alaskan summer
- Acquisition and completion of 3DSS
- Prospective resource assessment
- Declaration of drilling location
- Receipt of approvals
- Rig contract signature
- Mobilisation of drilling rig
- Commencement of drilling
- Review ongoing farm-out opportunities

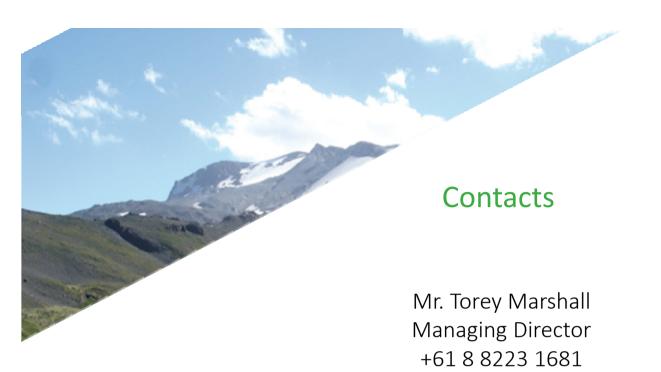




# **Key Takeaways**

- Restructured and reinvigorated looking ahead
- Potentially world class asset
- Material conventional and unconventional upside
- Liquids rich project
- Commanding acreage position leveraged to super majors and large privates
- Significant newsflow and activity over next 12 months





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ASX: RTD

