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The Manager
Company Announcements
Australian Securities Exchange Limited
Level 6, 20 Bridge Street
Sydney NSW 2000

# By e-lodgement

### TRINIDAD RESERVES UPGRADE AND FINANCING PACKAGE

### Highlights

- Range's net attributable interest in Proved, Probable and Possible Reserves (3P) increased by 5.6 million barrels (29%) to 25.2 million barrels.
- Range's PV10 valuation on Proved, Probable and Possible Reserves (3P) increased by US\$173m (34%) to US\$680m
- Range's net unrisked prospective resources (best estimate) increased by 30.5 million barrels (305%) to 40.5 million barrels (high estimate 81.0 million barrels)
- Range enters into a US\$15m loan agreement with the possibility to increase it to US\$25m based on production milestone (1,500 bopd)

Range Resources Limited ("Range" or "the Company") is pleased to announce a 29% increase in Proved (P1), Probable (P2) and Possible (P3) net attributable reserves across the Company's three onshore Trinidad licenses, in which it holds a 100% working interest.

The Company engaged leading independent petroleum consultants Forrest A. Garb and Associates ("Forrest Garb") to complete a review of the Trinidad reserves following the first year of Range's operations in Trinidad, which has seen the Company successfully complete over 20 wells, add circa 200 employees to its operations and brought four of the Company's six drilling rigs into operation with the remaining two rigs due to commence operations shortly.

Below is the comparison between October 2012 and December 2011 of Range's attributable interest in the net reserves on the Company's Trinidad Licenses which is net of government and overriding royalties and represents Range's economic interests in its development and production assets as classified in the report from Forest Garb.

Category	<u>Oil</u> (MMbbls)		
	Dec '11	Oct '12	%age Mvmt
Proved (P1)	15.4	17.5	+14%
Probable (P2)	2.2	2.7	+23%
Possible (P3)	2.0	5.0	+150%
Total 3P Reserves	19.6	25.2	+29%
Prospective Resource			
Low	2.0	8.1	
Best	10.0	40.5	
High	19.9	81.0	



Based on the reserve numbers cited above, Forrest Garb's estimated net undiscounted cash flow value to Range for Proved (P1), Probable (P2) and Possible (P3), along with discounted cash flow (at a 10% discount rate) valuation on a price of \$94 / bbl which is based on an average WTI price for 2011, following reductions for estimated royalties, opex, capex, production taxes etc and compared to the \$85 / bbl case per December 2011 as follows:

Category	US\$85 / b	US\$85 / bbl case		US\$94 / bbl case	
	December 2011		October 2012		
	Undiscounted US\$'m	PV10 US\$'m	Undiscounted US\$'m	PV10 US\$'m	
Proved (P1)	679	385	799	446	
Probable (P2)	133	73	142	81	
Possible (P3)	120	49	276	153	
Total	932	507	1,217	680	

The valuation is based on forecast production rates which reflect the current well drilling and development schedule, and estimated individual well decline profiles from well modelling and current operating experience.

As reported above, the recent reserves report saw a 30.5 million barrels (305%) increase in total unrisked net prospective (best estimate) resources across the Company's licenses to 40.5 million barrels.

Of the 40.5 million 100% best estimate unrisked net prospective resource, circa 30.5 million barrels is associated with identified Herrera prospects that have been mapped on the Company's 3D seismic database, which are scheduled to be drilled after the completion of the MD248 well. Of the 40.5 million best estimate unrisked net prospective resource associated with the Herrera prospects, a risk factor of 25% has been assigned, with the remaining barrels a 45% risk factor having been assigned.

Range's Executive Director, Peter Landau commented, "The Company is extremely pleased with the progress made in the first year of operations and the material increases in reserves and resources that we have added to the existing reserves and resource base. As development continues, so too will the increase in reserves along with the reclassification of the prospective resources into reserves following discoveries on our deeper exploration targets."

### RANGES SECURES USD\$15M TO USD\$25M LOAN FACILITY

Range is also pleased to announce that it has entered into a US\$15 million Loan Agreement ("Loan Agreement") backed by Standby Equity Distribution Agreement ("SEDA") for up to £20 million with YA Global Master SPV Ltd, an investment fund managed by Yorkville Advisors ("Yorkville").

The loan can be drawn down in tranches of US\$5 million (12 month term) at the election of the Company and carries a coupon of 10%. The tranches may be increased to \$10m (after an initial \$5m drawdown - total facility \$25m) upon Range achieving 1,500 bopd from its Trinidad operations and by mutual agreement. In addition, the Company will issue Yorkville warrants to purchase a number of the Company's ordinary shares equal to 25% of the portion of the loan drawn down. The warrants will expire after three years and will have a subscription price equal to 125% of the trading price at the time of issuance.

The loan facility and SEDA will provide flexibility over future funding, with the Company having the option to service any outstanding loans under the Loan agreement through cash proceeds or issue of shares using the SEDA facility at its discretion. Use of the SEDA facility is entirely at the discretion of the Company and there are no penalties for not requesting an advance.

The Company is extremely pleased with the facility given its flexible nature and will utilise the funds to continue its development program in Trinidad along with initial funding of the Colombia



exploration program. Coupled with the current sale process of Range's Texas assets (completion scheduled for this current quarter), the Company is well placed with regards to its short and medium term funding requirements.

The SEDA facility will be effective and available for 36 months. Under the terms of the SEDA, any shares issued would be priced at 95% of the prevailing market price over a pricing period of 5 to 10 days (which may be extended upon mutual agreement) subject to any minimum price set by the Company in advance. The number and timing of advances to be made pursuant to the SEDA shall be at the discretion of the Company but the Company cannot make concurrent advances without prior agreement with Yorkville. Furthermore, the advance amount requested must not exceed, a mutually agreeable amount not greater than £3,000,000 or 200% of the average daily trading volume of shares multiplied by the volume weighted average price on AIM for the five trading days prior to the drawdown request.

### Yours faithfully



Peter Landau Executive Director

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# **Range Background**

Range Resources Limited is a dual listed (ASX:RRS; AIM:RRL) oil & gas exploration company with oil & gas interests in the frontier state of Puntland, Somalia, the Republic of Georgia, Texas, USA, Trinidad and Colombia.

- In Trinidad Range holds a 100% interest in holding companies with three onshore production licenses and fully operational drilling subsidiary. Independently assessed Proved (P1) reserves in place of 17.5 MMbls with 25.2 MMbls of proved, probable and possible (3P) reserves and an additional 40.5 MMbls of unrisked net prospective (best estimate) resources.
- In the Republic of Georgia, Range holds a 40% farm-in interest in onshore blocks VIa and VIb, covering approx. 7,000sq.km. Range completed a 410km 2D seismic program with independent consultants RPS Energy identifying 68 potential structures containing an estimated 2 billion barrels of undiscovered oil-in-place (on a mean 100% basis) with the first (Mukhiani-1) exploration well having spudded in July in 2011. The Company is focussing on a revised development strategy that will focus on low-cost, shallow appraisal drilling of the contingent resources around the Tkibuli-Shaori ("Tkibuli") coal deposit, which straddles the central sections of the Company's two blocks.
- In Puntland, Range holds a 20% working interest in two licenses encompassing the highly prospective Dharoor and Nugaal valleys. The operator and 60% interest holder, Horn Petroleum Corp. (TSXV:HRN) has completed two exploration wells and will continue with a further seismic and well program over the next 12-18 months.
- Range holds a 25% interest in the initial Smith #1 well and a 20% interest in further wells on the North Chapman Ranch project, Texas. The project area encompasses approximately 1,680 acres in one of the most prolific oil and gas producing trends in the State of Texas. Independently assessed 3P reserves in place (on a 100% basis) of 228 Bcf of natural gas, 18 mmbbls of oil and 17 mmbbls of natural gas liquids.
- Range holds a 21.75% interest in the East Texas Cotton Valley Prospect in Red River County,
  Texas, USA, where the prospect's project area encompasses approximately 1,570 acres
  encompassing a recent oil discovery. The prospect has independently assessed 3P reserves in
  place (on a 100% basis) of 3.3mmbbls of oil.
- Range is earning a 65% (option to move to 75%) interest in the highly prospective PUT 6 and PUT 7 licences in Putumayo Basin in Southern Colombia. The Company will undertake a 350km2 3D seismic program across the two licences and drill one well per licence, as well as looking to reenter a previously suspended well that had a significant historical reserve estimate.

All of the technical information, including information in relation to reserves and resources that is contained in this document has been reviewed internally by the Company's technical consultant, Mr Mark Patterson. Mr Patterson is a geophysicist who is a suitably qualified person with over 25 years' experience in assessing hydrocarbon reserves and has reviewed the release and consents to the inclusion of the technical information.

The reserves estimates for the 3 Trinidad blocks and update reserves estimates for the North Chapman Ranch Project and East Texas Cotton Valley referred above have been formulated by Forrest A. Garb & Associates, Inc. (FGA). FGA is an international petroleum engineering and geologic consulting firm staffed by experienced engineers and geologists. Collectively FGA staff has more than a century of world-wide experience. FGA have consented in writing to the reference to them in this announcement and to the estimates of oil and natural gas liquids provided. The definitions for oil and gas reserves are in accordance with SEC Regulation S-X an in accordance with the guidelines of the Society of Petroleum Engineers ("SPE"). The SPE Reserve definitions can be found on the SPE website at <a href="speciate">spec.org</a>.

RPS Group is an International Petroleum Consulting Firm with offices worldwide, who specialise in the evaluation of resources, and have consented to the information with regards to the Company's Georgian interests in the form and context that they appear. These estimates were formulated in accordance with the guidelines of the Society of Petroleum Engineers ("SPE").

The prospective resource estimates for the two Dharoor Valley prospects are internal estimates reported by Africa Oil Corp, the operator of the joint venture, which are based on volumetric and related assessments by Gaffney, Cline & Associates.

In granting its consent to the public disclosure of this press release with respect to the Company's Trinidad operations, Petrotrin makes no representation or warranty as to the adequacy or accuracy of its contents and disclaims any liability that may arise because of reliance on it. The Contingent Resource estimate for CBM gas at the Tkibuli project is sourced from the publically available references to a report by Advanced Resources International's ("ARI") report in 2009: CMM and CBM development in the Tkibuli-Shaori Region, Georgia. Advanced Resources International, Inc., 2009. Prepared for GIG/Saknakhshiri and U.S. Trade and Development Agency. - .globalmethane.org/documents/toolsres\_coal\_overview\_ch13.pdf. Range's technical consultants have not yet reviewed the details of ARI's



resource estimate and the reliability of this estimate and its compliance with the SPE reporting guidelines or other standard is uncertain. Range and its JV partners will be seeking to confirm this resource estimate, and seek to define reserves, through its appraisal program and review of historical data during the next 12 months.

Reserve information on the Putumayo 1 Well published by Ecopetrol 1987.

#### SPE Definitions for Proved, Probable, Possible Reserves and Prospective Resources

**Proved Reserves** are those quantities of petroleum, which by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be commercially recoverable, from a given date forward, from known reservoirs and under defined economic conditions, operating methods, and government regulations.

**Probable Reserves** are those additional Reserves which analysis of geoscience and engineering data indicate are less likely to be recovered than Proved Reserves but more certain to be recovered than Possible Reserves.

**Possible Reserves** are those additional reserves which analysis of geoscience and engineering data indicate are less likely to be recoverable than Probable Reserves.

1P refers to Proved Reserves, 2P refers to Proved plus Probable Reserves and 3P refers to Proved plus Probable plus Possible Reserves.

**Prospective Resources** are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective Resources have both an associated chance of discovery and a chance of development. Prospective Resources are further subdivided in accordance with the level of certainty associated with recoverable estimates assuming their discovery and development and may be sub-classified based on project maturity.

**Contingent Resources** are those quantities of hydrocarbons which are estimated, on a given date, to be potentially recoverable from known accumulations, but which are not currently considered to be commercially recoverable.

**Undiscovered Oil-In-Place** is that quantity of oil which is estimated, on a given date, to be contained in accumulations yet to be discovered. The estimated potentially recoverable portion of such accumulations is classified as Prospective Resources, as defined above.