



For Professional Investors Only

An attractive investment combining the potential for Annualised Returns of 11%, Early Redemption opportunities every quarter, and linked to the performance of Energy Stocks.

Product Summary¹

Product	Autocallable Notes linked to a selection of Energy stocks
Issuer	Royal Bank of Canada, rated as Aa1 (Moody's), AA (Fitch), AA- (S&P)
Underlyings ('Stocks')	BP PLC (BP/ LN) TOTAL SA (FP FP) HALLIBURTON CO (HAL UN) CHEVRON CORP(CVX UN) CHESAPEAKE ENERGY CORP (CHK UN)
Key Dates	Initial Valuation Date: 23rd February 2012 Issue Date: 23rd February 2012 Final Valuation Date: 23rd February 2016 Maturity Date: 01st March 2016
Investment Term	4 Years
Phoenix Bonus Coupons	If ALL Underlyings are at, or above 50% of their initial level on each quarterly Observation Date, then the investor receives a 2.75% bonus coupon.
Autocall Periods	Quarterly – if on any quarterly Observation Date ALL Underlyings are equal to or greater than 95% of their Initial Level, the note is redeemed early and the investors receive 100% of initial capital.
Conditional Protection	A fall of more than 50% in performance is required in any Underlying before capital may be at risk. The performance is measured by comparing the Initial Valuation Level vs. the Final Valuation Level. If this performance measures a fall of more than 50% then investors receive the performance of the Worst Performing Underlying at Maturity.
Subscription Period	26th January 2012– 23rd February 2012 subject to limited subscription size
ISIN Code	USD: XS0740837223 EUR: XS0740837900 GBP: XS0740838387

¹ : Full product details are available in the Termsheet, which is available on request.

Scenario Analysis

Performance of Worst Performing Underlying at Final Valuation Date (Final ² /Initial performance)	Redemption at Maturity
125%	102.75%
100%	102.75%
75%	102.75%
50%	102.75%
50%	100%
25%	25%
11%	11%
0%	0%

² : Final Level taken on the close of the Final Valuation Date.

Key Features

- 15 opportunities for early redemption, with a defensive trigger of 95% of the Initial Levels – the Notes will early redeem on any Quarterly Observation Date even if any stock has fallen up to 5%.
- Potential for attractive returns (2.75% p/qtr) in exchange for a defined level of risk – max return 44% over 4 years.
- Strong potential for regular income of 11% annualised, as long as ALL Underlyings are at or above 50% of Initial Levels, observed on each Quarterly Observation Date
- Defensive outlook – strong capital buffer, no loss of capital as long as no Underlying has fallen below 50% of its Initial Valuation Level (European Barrier)

Investment Description

The **Energy Select Phoenix Notes** (the 'Notes') are designed for investors seeking **attractive, regular coupons (2.75% p/qtr)** compared to low deposit rates, and are moderately bullish equity markets over the medium term.

The Notes are a Phoenix structure linked to a basket of Energy Stocks. **The Notes will deliver a regular quarterly bonus of 2.75% if All Stocks are at or above just 50% of their initial levels.** Providing an excellent opportunity for investors to benefit from strong income levels even in bearish markets.

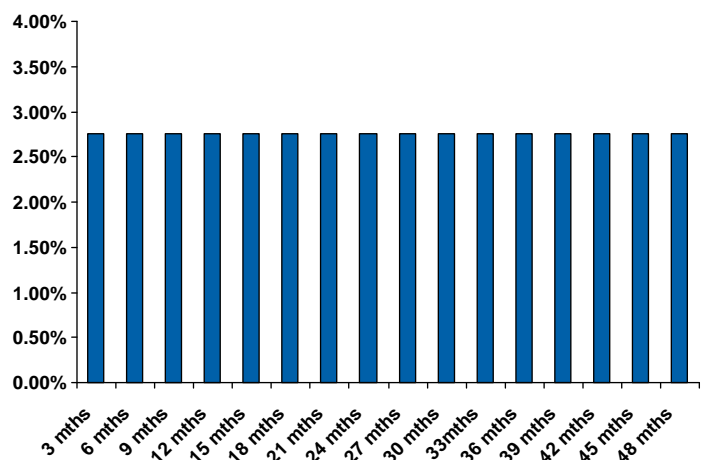
The Notes 'Autocall' or **early redeem** on the first quarterly period that all the Underlyings are recorded as being **at or above 95% of their Initial Levels.** On Early Redemption the Notes return 100% of capital, plus the relevant 2.75% bonus coupon.

Even if the Notes do not early redeem, they contain a valuable protection feature for the investor. The Notes will return 100% of capital invested as long as none of the Underlyings at the Final Valuation Date have fallen by more than 50% from their Initial Valuation Levels.

If any Underlying has fallen by more than 50% at the Final Valuation Date, then the Final Redemption Amount will be equivalent to the performance of the Worst Performing Underlying, and some capital will be lost.

The Underlyings are well diversified global Energy companies,

Phoenix Bonuses





PAST PERFORMANCE IS NO INDICATION OF FUTURE PERFORMANCE

Underlyings

BP PLC (BP/ LN Equity)

BP plc is an oil and petrochemicals company. The Company explores for and produces oil and natural gas, refines, markets, and supplies petroleum products, generates solar energy, and manufactures and markets chemicals. BP's chemicals include terephthalic acid, acetic acid, acrylonitrile, ethylene and polyethylene.

Source: Bloomberg @ 26.01.2012

BP/ LN Equity – 5yr Performance

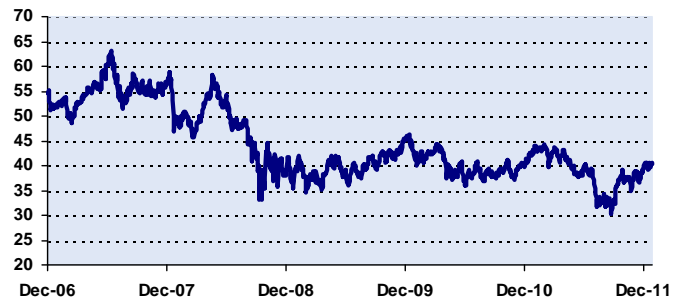


TOTAL SA (FP FP Equity)

Total SA explores for, produces, refines, transports, and markets oil and natural gas. The Company also operates a chemical division which produces polypropylene, polyethylene, polystyrene, rubber, paint, ink, adhesives, and resins. Total operates gasoline filling stations in Europe, the United States, and Africa.

Source: Bloomberg @ 26.01.2012

FP FP Equity – 5yr Performance



HALLIBURTON CO (HAL UN Equity)

Halliburton Company provides energy services and engineering and construction services, as well as manufactures products for the energy industry. The Company offers services and products and integrated solutions to customers in the exploration, development, and production of oil and natural gas.

Source: Bloomberg @ 26.01.2012

HAL UN Equity - 5yr Performance



CHESAPEAKE ENERGY CORP (CHK UN Equity)

Chesapeake Energy Corporation produces oil and natural gas. The Company's operations are focused on discovering, developing and acquiring conventional and unconventional natural gas reserves onshore in the United States.

Source: Bloomberg @ 26.01.2012

CHK UN Equity - 5yr Performance



CHEVRON CORP (CVX UN Equity)

CHEVRON CORP is a holding company owning subsidiaries in a variety of business sectors. The Company's principal operations are insurance business conducted nationwide on a primary basis and worldwide on a reinsurance basis. Berkshire's other operations include a railway company, a specialty chemical company, and an international association of diversified businesses.

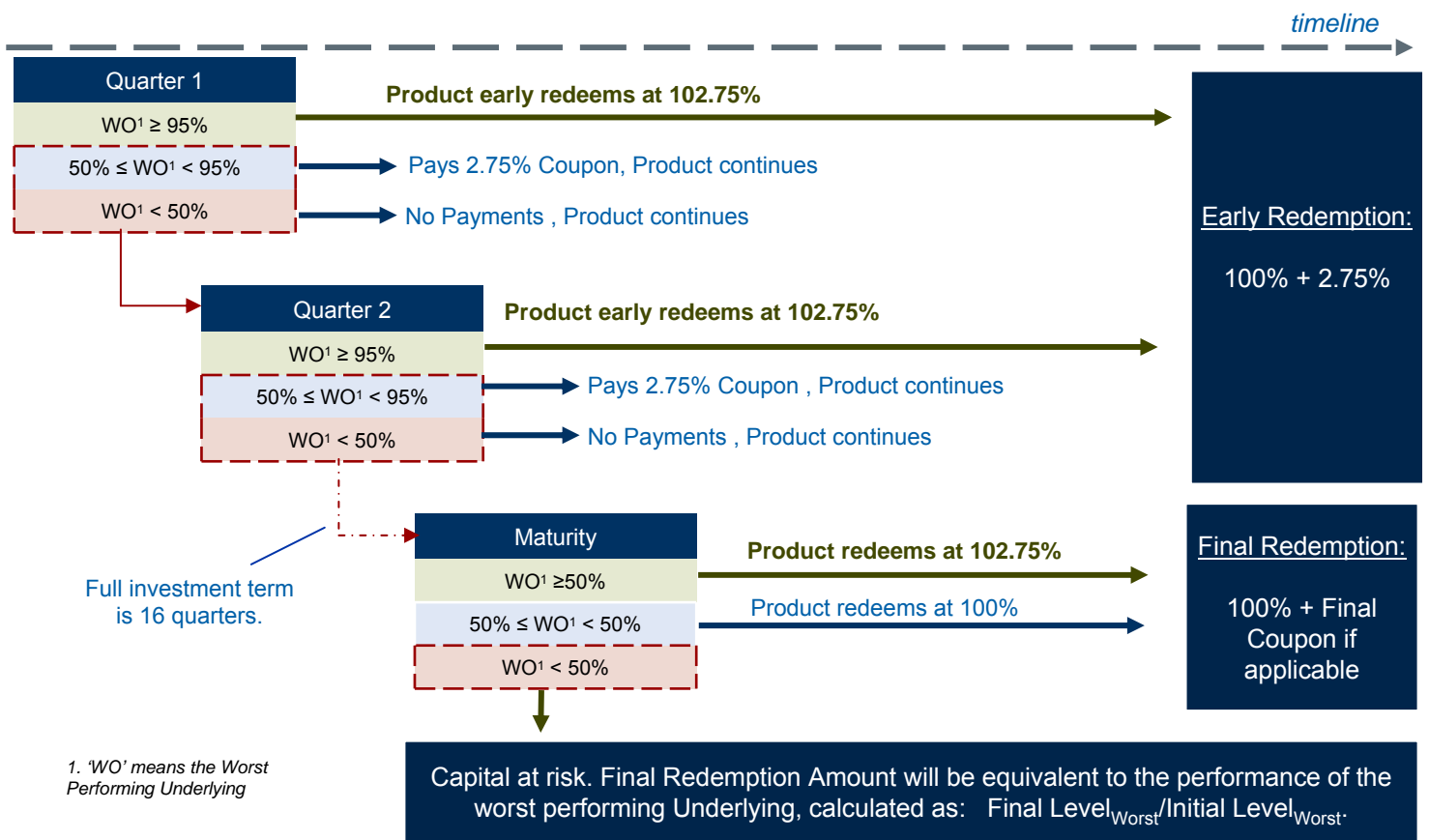
Source: Bloomberg @ 26.01.2012

CVX UN Equity - 5yr Performance





Payoff Illustration : Autocall Mechanism & Phoenix Bonus Coupons



Royal Bank of Canada: Diversified Financial Strength, Global Capabilities

- Top 10 bank by market capitalisation globally (c. US\$85 billion)⁽¹⁾
- Exceptional credit ratings: Aa1 Moody's / AA Fitch / AA- S&P
- Tier 1 Capital Ratio of 13.0%⁽²⁾
- US\$605 billion of assets⁽²⁾
- 80,000 employees and 18 million clients in 55 countries⁽²⁾



#3 Most Respected Financial Institution
BARRON'S



#2 Global Trader
credit

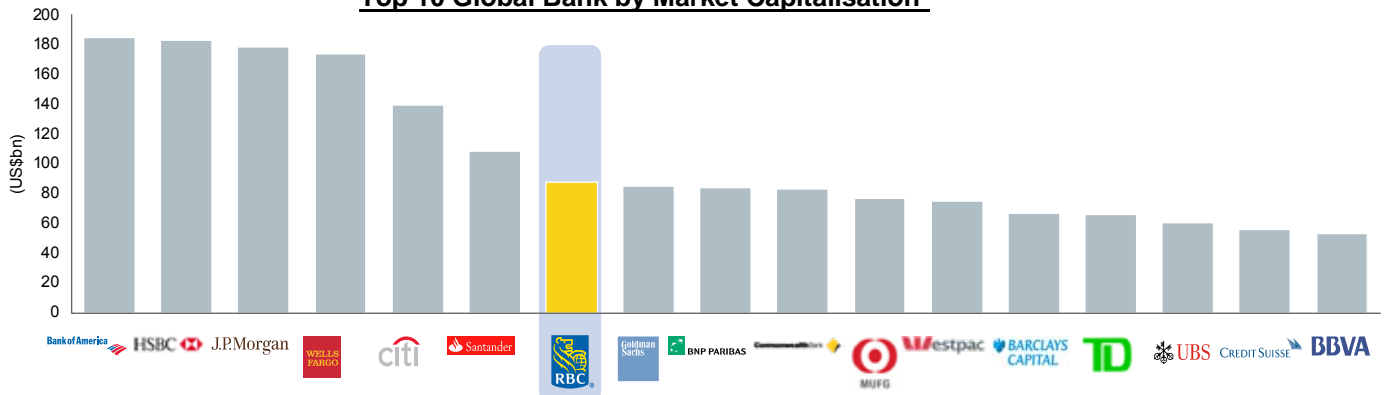


#1 Global Bond House of the quarter
pfi



Best Overall Credit House in Europe
credit

Top 10 Global Bank by Market Capitalisation¹



Ratings	Moody's	A2 (S)	Aa2 (N)	Aa3 (N)	A1 (S)	A3 (S)	Aa2 (N)	Aa1 (N)	A1 (N)	Aa2 (S)	Aa1 (N)	na	Aa1 (N)	A1 (S)	Aaa (N)	Aa3 (N)	Aa2 (N)	Aa2 (N)
	S&P	A (S)	AA- (N)	A+ (N)	AA- (N)	A (S)	AA (N)	AA- (S)	A (N)	AA (N)	AA (S)	A (S)	AA (S)	A+ (N)	AA- (S)	A+ (S)	A (S)	AA (N)

(1) Bloomberg, Capital IQ
(2) RBC as at Jul'11



Risks

Please bear in mind that investors are exposed to the credit risk of the Issuer. The Notes are not capital protected and investors may receive back less than the original amount invested. The value of the investment can go down as well as up and investors can potentially lose all of their investment. Any secondary market provided by Royal Bank of Canada is subject to change and may be stopped without notice and investors may therefore be unable to sell or redeem the Notes until their maturity. If the Notes are redeemed early they may be redeemed at a level less than the amount originally invested.

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