

BHP BILLITON LTD  
Form 6-K  
April 21, 2010

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**Form 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**  
**PURSUANT TO RULE 13a-16 OR 15d-16**  
**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

April 21, 2010

**BHP BILLITON LIMITED**

(ABN 49 004 028 077)

(Exact name of Registrant as specified in its charter)

**BHP BILLITON PLC**

(REG. NO. 3196209)

(Exact name of Registrant as specified in its charter)

VICTORIA, AUSTRALIA

ENGLAND AND WALES

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(Jurisdiction of incorporation or organisation)

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**180 LONSDALE STREET, MELBOURNE,**

**VICTORIA**

**3000 AUSTRALIA**

(Address of principal executive offices)

**NEATHOUSE PLACE, VICTORIA, LONDON,**

**UNITED KINGDOM**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F       Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes       No

If  Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): n/a

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BHP Billiton Limited and BHP Billiton Plc

Date: April 21 2010

By: /s/ JANE McALOON  
Name: **Jane McAloon**  
Title: **Group Company Secretary**

## NEWS RELEASE

**Release Time** IMMEDIATE

**Date** 21 April 2010

**Number** 12/10

**BHP BILLITON EXPLORATION AND DEVELOPMENT REPORT FOR THE QUARTER ENDED 31 MARCH 2010**

This report covers the Group's exploration and development activities for the quarter ended 31 March 2010. Unless otherwise stated, BHP Billiton's interest in the projects referred to in this report is 100 per cent and references to project schedules are based on calendar years. This report, together with the Production Report, represents the Interim Management Statement for the purposes of the UK Listing Authority's Disclosure and Transparency Rules. There have been no significant changes to the financial position of the Group in the quarter ended 31 March 2010.

**Development**

During the March 2010 quarter the Pyrenees project (oil and gas), offshore Western Australia, achieved first production on schedule and within budget. This project will not be reported in future Exploration and Development Reports.

Project And Ownership	Share Of Approved Capex US\$M	Initial Production Target Date	Production Capacity (100%)	Quarterly Progress
<b>Petroleum Projects</b>				
Pyrenees (Australia)				
71.43%				
Oil/Gas	1,200	H1 CY10	96,000 barrels of oil and 60 million cubic feet gas per day	First production announced, on schedule. See News Release dated 1 March 2010.
Angostura Gas Phase II				
(Trinidad and Tobago)				
45%				
Gas	180	H1 CY11	280 million cubic feet gas per day	On schedule and budget. Installation campaign has commenced. Topsides fabrication continues. The overall project is 50% complete.
Bass Strait Kipper				
(Australia)				
32.5% - 50%				
Gas/Gas Liquids	500	CY11	10,000 bpd condensate and processing capacity of 80 million cubic feet gas per day	Schedule and budget under review following advice from operator. West Tuna platform retrofit work continuing. The overall project is 33% complete.
Bass Strait Turrum				
(Australia)				
50%				
Gas/Gas Liquids	625	CY11	11,000 bpd condensate and processing capacity of 200 million cubic feet gas per day	Schedule and budget under review following advice from operator. Platform fabrication continues. The overall project is 29% complete.
North West Shelf				
	245	CY11	Replacement vessel with capacity of 60,000 bpd oil	On schedule and budget. Floating Production Storage and

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CWLH Life Extension

(Australia)

16.67%

Oil

North West Shelf

North Rankin B Gas

Compression

(Australia)

16.67%

LNG

850

CY12

2,500 million cubic feet gas per day

Offtake (FPSO) conversion continues. The overall project is 76% complete.

On schedule and budget. Jacket fabrication continuing ahead of schedule. The overall project is 46% complete.

**Minerals Projects**

## Worsley Efficiency &amp; Growth

(Australia)

86%  
 Alumina 1,900 H1 CY11 1.1 million tpa of additional alumina  
 On schedule and budget. Engineering is essentially complete. Construction is 19% complete. The overall project is 38% complete.

## Antamina Expansion

(Peru)

33.75%  
 Copper 435 Q4 CY11 Increases ore processing capacity to 130,000 tpd  
 On schedule and budget. Engineering is 58% complete. Construction commenced during the quarter. The overall project is 11% complete.

## Iron Ore

(Western Australia)

RGP5  
 85%  
 Iron Ore 4,800 H2 CY11 50 million tpa additional iron ore system capacity  
 On schedule and budget. Engineering is 93% complete. Construction is now 41% complete. The overall project is 46% complete.

## Douglas-Middelburg

## Optimisation

(South Africa)

100%  
 Energy Coal 975 Mid CY10 10 million tpa export thermal coal and 8.5 million tpa domestic thermal coal (sustains current output)  
 On schedule and budget. The overall project is 96% complete.

## Newcastle Third Port Project

(Australia)

35.5%  
 Energy Coal 390 Mid CY10 30 million tpa export coal loading facility  
 On schedule and budget. First vessel successfully loaded in March 2010. The overall project is 97% complete.

## MAC20 Project

(Australia)

100%  
 Energy Coal 260 H1 CY11 Increases saleable thermal coal production by approximately 3.5 million tpa  
 On schedule and budget. Engineering is 90% complete. Construction is 50% complete. The overall project is 65% complete.

**Minerals Exploration**

Grassroots exploration continued on copper targets in Chile and Zambia; nickel targets in Australia; manganese targets in Gabon; and diamond targets in Canada. Exploration for iron ore, coal, bauxite and manganese was undertaken in a number of regions including Australia, South America, Russia and West Africa.

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During the quarter, the announced acquisitions of United Minerals Corporation NL and Athabasca Potash Inc. were completed. In addition, BHP Billiton entered into binding agreements with a subsidiary of PT Adaro Energy TBK (Adaro) to create a new joint venture for the Indonesian Coal Project (ICP). Subject to approvals, Adaro will acquire a 25 per cent interest in the ICP joint venture.

For the nine months ended 31 March 2010, BHP Billiton spent US\$346 million on minerals exploration, of which US\$315 million was expensed.

### **Additional Information**

Following requests for information from the U.S Securities and Exchange Commission as a part of an informal investigation relating primarily to certain terminated exploration projects, the Company has disclosed to relevant authorities evidence that it has uncovered regarding possible violations of applicable anti-corruption laws involving interactions with government officials. The Company is conducting an internal investigation, which is continuing, and is cooperating with the relevant authorities. It is not possible at this time to predict the scope or duration of the investigation or its likely outcome.

### **Petroleum Exploration**

Exploration and appraisal wells drilled during the quarter or in the process of drilling as at 31 March 2010.

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Well	Location	BHP Billiton Equity	Status
	Green Canyon Gulf of Mexico	70% BHP Billiton	
Double Mountain-1	GC 555	(operator)	Drilling ahead
	Green Canyon Gulf of Mexico	50% BHP Billiton	
Firefox-1	GC 817	(operator)	Drilling ahead
	Liverpool Bay	46.1% BHP Billiton	
Bel Air-1	110/13b	(operator)	Drilling ahead
	Sabah	60% BHP Billiton	Plugged & abandoned
Cerah-1	Block N	(operator)	Dry hole
	Gippsland Basin Australia	50% BHP Billiton	Plugged & abandoned
SE Remora-1	VIC/RL4	(Exxon operator)	Hydrocarbons encountered
	Green Canyon Gulf of Mexico	25% BHP Billiton	Suspended
Knotty Head-2	GC 512	(Nexen operator)	Hydrocarbons encountered
	Green Canyon Gulf of Mexico	31.875% BHP Billiton	
Deep Blue-1	GC 723	(Noble operator)	Drilling ahead
	Laurentian Basin Canada	45% BHP Billiton	
Wolverine-1	E.L. 1087R	(CoP operator)	Drilling ahead
	Sandakan Basin Philippines	25% BHP Billiton	Plugged & abandoned
Banduria-1	SC-56	(Exxon operator)	Dry hole

Petroleum exploration expenditure for the nine months ended 31 March 2010 was US\$587 million, of which US\$206 million was expensed.

Further information on BHP Billiton can be found on our website: [www.bhpbilliton.com](http://www.bhpbilliton.com)

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A member of the BHP Billiton group which is headquartered in Australia