



Report for the Quarter ended 31 March 2009 covering the Exploration and Production businesses of Origin Energy Limited

Summary Table

Comparative performance at a glance - Origin's total proportional interests				
Year to date Comparison (July 08 to Mar 09 vs July 07 to Mar 08)	Unit	YTD Mar 2009	YTD Mar 2008	Change %
Production	PJe	79.4	70.6	12
Revenue	A\$m	430.2	376.3	14
Corresponding Period Comparison	Unit	Mar Quarter 2009	Mar Quarter 2008	Change %
Production	PJe	21.8	23.6	(8)
Revenue	A\$m	115.8	120.8	(4)
Quarterly Comparison	Unit	Mar Quarter 2009	Dec Quarter 2008	Change %
Production	PJe	21.8	23.9	(9)
Revenue	A\$m	115.8	116.2	-

Note: Information presented in the table above and throughout this report relates only to hydrocarbon exploration and production activities undertaken by Origin Energy Ltd, its subsidiaries and the incorporated joint ventures in which it has interests. It includes Origin's proportional interest in production and revenue from its 50% interest in the Australia Pacific LNG Limited (APLNG) incorporated joint venture. The report does not cover other business activities of Origin relating to electricity generation or energy retailing.

Highlights

- Origin's year to date (YTD) production to the end of the March Quarter increased by 12% compared with the corresponding period in 2007/2008. This was predominantly due to contributions from the Otway Gas Project and was achieved despite Origin diluting its interest in its coal seam gas (CSG) assets by 50% in late October 2008.
- Production for the March Quarter was 1.8 PJe or 8% lower than the March Quarter in the prior year reflecting Origin's lower effective interest in CSG production, partially offset by the contribution from the Otway Gas Project which was not in production in the prior year.
- Production for the March Quarter was 2.1 PJe or 9% lower than the December Quarter reflecting lower seasonal gas demand and the APLNG transaction.

Other significant events and influences during the Quarter:

- **Otway Gas Project:** Seasonal demand resulted in lower average production volumes, although short periods of high production were experienced during heatwave conditions in southern Australia.
- **BassGas Project:** Following resolution of downhole problems in late December, production levels increased by 50% over those of the December Quarter.

A contract has been signed to sell approximately 25% of the BassGas produced CO₂ to Air Liquide for liquefaction.

- **Kupe Gas Project:** Construction of the onshore Production Station remains on schedule for a commencement of commercial sales in the September Quarter of 2009.

- **CSG:**

Origin's interest in existing CSG operations is held through APLNG in which Origin has a 50% interest.

- **Spring Gully Project:** The third gas processing plant in the Spring Gully field, Taloona, was commissioned during the Quarter. Gross daily production from the Spring Gully Project has reached 122 TJ/day.
- **Talinga Project:** Construction of the gas plant and water handling facilities is progressing. Development drilling also commenced.

- **Onshore Taranaki Basin:** Oil and gas production recommenced in the TAWN fields.

- **Drilling Activities:**

- **CSG:** During the Quarter, APLNG participated in 61 wells including 24 development wells (Talinga 4, Fairview 6 and Lauren 14), 18 cored exploration/appraisal wells and 19 exploration/appraisal production/DST or pilot wells.
- **Cooper/Eromanga Basin:** Origin participated in ten wells (1 gas appraisal and 9 oil and/or gas development wells). All except the appraisal well and one oil development well were successful (1 oil, 2 gas and 5 oil and gas).
- **Otway and Bass Basins:** Agreements were entered into for drilling slots to drill 3 exploration or appraisal wells (2 Bass Basin/1 Otway Basin) in late 2009/early 2010.

- **Seismic Surveys:**

- **New Zealand:** The 1150 sq km Waka 3D Seismic Survey and the 940 km Punt 2D Seismic Survey were completed in the offshore Canterbury Basin and a smaller 153 km Piwakawaka 2D Seismic Survey was completed in the offshore Northland Basin.
- **Surat Basin:** The 2009 Seismic Program commenced with the Mardi 2D Seismic Survey.

- **Acquisitions/Divestments:**

- **Overseas Exploration Opportunities:**

- Origin signed a production sharing contract with PetroVietnam for Block 121, offshore Hong Song Basin, Vietnam.
- Origin renegotiated the terms of the production sharing contract in respect of the L8 Block, offshore Lamu Basin, Kenya. Origin has committed to a further two year program in that block, including a 3D seismic survey.

Post Report Date Events:

- **Acquisition of ATP 788P**

On 22 April 2009 Origin entered into a conditional agreement to acquire a 100 per cent interest in exploration permit ATP 788P from the Pangaea group of companies for a total consideration of \$660 million to be funded from existing cash reserves.

Origin expects to book Proved, Probable and Possible (3P) reserves of CSG of around 1,150 PJ in respect of this area following completion of this transaction, together with further contingent resources of approximately 500 PJ.

Under Origin's joint venture arrangement with ConocoPhillips, Australia Pacific LNG (APLNG) has the right to acquire the interest in ATP 788P prior to completion.

As part of the arrangements Pangaea will receive a 75 per cent beneficial interest in areas that are stratigraphically deeper than the Walloon Coal Measures.

The acquisition of interests in ATP 788P will be completed after certain conditions precedent have been satisfied, including a number of approvals from relevant Government departments.

For further information please see Origin's ASX release dated 22 April 2009.

- **ATP 471P Bainbilla Block Acquisition**

On 21 April 2009, Origin acquired a 24.748% interest in ATP471P Bainbilla Block, located in the Surat Basin in Queensland from Ausam Resources Pty Ltd, a 100% owned subsidiary of Bounty Oil and Gas NL, for a cash consideration of \$415,500.

Closing of the sale is conditional on the possible exercise of pre-emptive rights held by other joint venture participants.

- **Commencement of Perth Basin Drilling**

On April 21 2009, drilling commenced on Hovea-13, an oil development well in the Hovea oil field in the Perth Basin. Origin has a 50% interest in the Hovea oil field.

This well is the first of a planned 4-well drilling campaign to be undertaken by Origin and its joint venturers in the Perth Basin.

1. PRODUCTION, SALES AND REVENUE

In late October 2008 Origin completed a transaction with ConocoPhillips (COP) whereby that company acquired a 50% interest in an incorporated CSG to LNG joint venture known as Australia Pacific LNG Limited (APLNG). The upstream interests included in this incorporated joint venture include all the CSG exploration and production tenements previously held by Origin, together with its interests in conventional oil and gas tenements in the Denison Trough. Origin is the operator of all the upstream activities undertaken by APLNG.

In the tables below Origin's historical production from its CSG and Denison Trough assets to the end of October 2008 is included in the lines *Coal Seam Gas* and *Denison Trough* respectively. From November 2008 Origin's 50% proportional interest in production from those assets is reported in the line *APLNG*. A separate table (Table 1.3.3) is also provided which shows the aggregated production, sales and revenue across all products for Origin's proportional interest in APLNG.

1.1 Production by Product and Area (including 50% interest in APLNG)

Natural Gas and Ethane	Unit	This Quarter	Previous Quarter	% Change	Mar	YTD 2008/09	YTD 2007/08
					Quarter 2008		
Natural Gas	PJ						
Coal Seam Gas		-	3.8	(100)	10.4	16.8	27.2
Denison Trough		-	0.3	(100)	1.3	1.6	4.1
APLNG (CSG and Denison Trough)		7.3	4.5	62	-	11.8	-
SA Cooper & SWQ		4.2	4.7	(11)	4.6	13.9	14.7
Otway Basin (offshore)		3.5	3.8	(8)	1.0	12.7	1.1
Bass Basin		1.8	1.2	50	1.3	5.4	5.7
Surat Basin		0.1	0.5	(72)	1.0	1.4	3.9
Perth Basin		0.7	0.9	(22)	0.7	2.7	2.9
Taranaki Basin (onshore)		0.4	0.6	(25)	-	1.5	-
Otway Basin (onshore)		-	-	-	0.1	0.1	0.5
Ethane	PJ						
SA Cooper & SWQ		0.3	0.3	(3)	0.3	1.0	1.0
Total Production		18.3	20.6	(11)	20.7	68.9	61.1
Total Sales Volume		18.8	20.1	(6)	19.2	69.6	59.5
Total Sales Revenue	\$M	61.4	69.4	(11)	62.7	238.0	196.1

Crude Oil	Unit	This Quarter	Previous Quarter	% Change	Mar	YTD 2008/09	YTD 2007/08
					Quarter 2008		
Crude Oil	kbbls						
SA Cooper & SWQ		113.7	116.5	(2)	81.4	335.8	226.0
Surat Basin		9.3	9.4	(1)	10.4	30.2	28.2
Perth Basin		67.0	82.9	(19)	125.0	244.0	454.0
Taranaki Basin (onshore)		31.2	21.8	43	-	72.2	-
Total Production		221.2	230.6	(4)	216.8	682.2	708.2
Total Sales Volume		325.9	330.7	(1)	310.2	1,009.0	975.0
Total Sales Revenue	\$M	24.1	22.2	9	32.1	89.2	90.5

Condensate/Naphtha	Unit	This	Previous	%	Mar	YTD	YTD
		Quarter	Quarter	Change	Quarter 2008	2008/09	2007/08
Condensate/Naphtha	kbbls						
Denison Trough		-	0.4	(100)	0.7	1.1	2.2
APLNG (Denison Trough)		0.2	0.1	100	-	0.3	-
SA Cooper & SWQ		74.3	74.1	-	74.3	225.4	231.5
Otway Basin (offshore)		37.9	41.9	(10)	10.0	139.5	10.2
Bass Basin		73.4	48.8	50	55.1	224.8	233.9
Surat Basin		14.0	8.6	64	11.4	34.3	39.6
Perth Basin		1.1	1.4	(23)	1.5	4.6	5.7
Taranaki Basin (onshore)		-	0.1	(100)	-	0.3	-
Otway Basin (onshore)		-	0.1	(100)	0.6	0.9	4.2
Total Production		200.9	175.5	13	153.6	631.2	527.3
Total Sales Volume		206.1	198.7	4	114.4	633.7	542.4
Total Sales Revenue	\$M	13.5	9.4	43	11.5	48.2	46.5

LPG	Unit	This	Previous	%	Mar	YTD	YTD
		Quarter	Quarter	Change	Quarter 2008	2008/09	2007/08
LPG	Ktonnes						
SA Cooper & SWQ		8.3	8.4	(1)	8.6	26.5	27.5
Otway Basin (offshore)		4.4	4.8	(8)	-	15.8	-
Bass Basin		4.5	2.7	67	3.3	14.7	15.6
Surat Basin		2.9	1.6	80	2.2	6.6	7.2
Taranaki Basin (onshore)		0.5	0.5	(6)	-	1.6	-
Total Production		20.6	18.0	14	14.1	65.2	50.3
Total Sales Volume		27.9	21.2	31	14.6	73.1	51.3
Total Sales Revenue	\$M	16.8	15.2	11	14.6	54.8	43.2

1.2 Production by Basin (including 50% of APLNG production)

Production by Basin (All products, PJe)	Unit	This	Previous	%	Mar	YTD	YTD
		Quarter	Quarter	Change	Quarter 2008	2008/09	2007/08
Production by Basin	PJe						
Coal Seam Gas		-	3.8	(100)	10.4	16.8	27.2
Denison Trough		-	0.3	(100)	1.3	1.6	4.1
APLNG (CSG and Denison Trough)		7.3	4.5	62	-	11.8	-
SA Cooper & SWQ		6.0	6.5	(8)	6.2	19.3	19.6
Otway Basin (offshore)		3.9	4.3	(9)	1.1	14.2	1.2
Bass Basin		2.4	1.6	50	1.8	7.3	7.8
Surat Basin		0.4	0.7	(43)	1.2	2.1	4.6
Perth Basin		1.1	1.4	(22)	1.5	4.2	5.6
Taranaki Basin (onshore)		0.7	0.8	(18)	-	2.0	-
Otway Basin (onshore)		-	-	-	0.1	0.1	0.5
Total		21.8	23.9	(9)	23.6	79.4	70.6

1.3 Production, Sales Volumes and Revenue Summaries

1.3.1 Origin including 50% interest in APLNG

Total All Products	Unit	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Production (all products)	PJe	21.8	23.9	(9)	23.6	79.4	70.6
Sales (all products)	PJe	23.2	24.1	(4)	22.4	82.5	72.6
Total Revenue	\$M	115.8	116.2	-	120.8	430.2	376.3

1.3.2 Origin excluding 50% interest in APLNG

Total All Products	Unit	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Production (all products)	PJe	14.5	19.4	(25)	23.6	67.5	70.6
Sales (all products)	PJe	16.2	19.7	(18)	22.4	71.1	72.6
Total Sales Revenue	\$M	94.0	103.0	(9)	120.8	395.1	376.3

1.3.3 Origin's 50% interest in APLNG

Total All Products	Unit	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Production (all products)	PJe	7.3	4.5	62	-	11.8	-
Sales (all products)	PJe	7.0	4.4	60	-	11.4	-
Total Sales Revenue	\$M	21.9	13.2	66	-	35.1	-

1.4 Internal and External Purchase and Sales Summary (Origin excluding 50% interest in APLNG)

Internal & External Sales Volumes	Unit	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Total Sales Volume	PJe						
Internal		7.7	8.0	(4)	7.5	32.3	24.5
External		8.5	11.7	(27)	14.9	38.8	48.1
Total		16.2	19.7	(18)	22.4	71.1	72.6

Product Purchases included in above sales	Unit	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Total	PJe	1.7	1.1	48	1.04	3.4	3.0

Note: Current Quarter production figures for some non-operated areas may include preliminary production data for the last month of the Quarter. Where actual production volumes only became available after the report date for that Quarter, previous Quarter figures have been amended to reflect this.

1.5 Production and Sales Summary

- **YTD performance**

On a proportional interest basis, Total Production, Sales Volumes and Revenues of the upstream ventures in which Origin has an economic interest increased by 12%, 14% and 14% respectively for the year to 31 March 2009 compared with the prior corresponding period in 2007/2008.

Total Production was 79.4 PJe, up 12% from 70.6 PJe. Key contributions to the increase in Production performance included the Otway Gas Project and Taranaki assets (which did not contribute last year). Despite the 50% dilution in Origin's interest in CSG assets resulting from the APLNG transaction in late October 2008, YTD CSG production attributable to Origin increased 2% to 27.7 PJ from 27.2 PJ in the period to 31 March 2008 reflecting the significant increase in production capacity of these operations.

These factors more than offset decreases resulting from the continuing natural decline in the Perth Basin fields, sale of the onshore Otway Basin assets, and slightly lower contributions from the BassGas Project and the Cooper/Eromanga Basin. In the Surat Basin the re-injection of gas into storage facilities has resulted in lower recognised production.

Sales Volumes were 14% higher than in the comparable period last year, reflecting the increased production, lower inventory build and higher third party product purchases.

Revenue was also up 14% compared with the corresponding period last year. This reflected the increased Sales Volumes and higher average liquids prices in the September Quarter, balanced by lower liquids prices in the December and March Quarters.

- **March Quarter 2009 compared with March Quarter 2008**

On a proportional interest basis, Total Production and Revenue of the upstream ventures in which Origin has an economic interest decreased by 8% and 4% respectively when compared with the March Quarter 2008. Sales Volumes increased by 4% compared with the March Quarter 2008.

Total Production was 21.8 PJe compared with 23.6 PJe in the March Quarter 2008. The reduction was primarily attributable to the dilution of Origin's effective share of CSG production as a result of the APLNG transaction, which was only partially offset by the added contribution from the Otway Gas Project. In other areas, new production from the Taranaki onshore project and higher production from the BassGas Project essentially balanced continuing decline in Perth Basin production and lower reported production in the Surat Basin as gas was directed into storage.

Sales Volumes were 4% higher than in the March Quarter 2008 reflecting higher product purchases from third parties and lower rates of inventory build. Revenue was 4% lower than in the March Quarter last year reflecting the reduction in international prices for oil, condensate and LPG.

- **March Quarter 2009 compared with December Quarter 2008**

Total Production and Sales Volumes of the upstream ventures in which Origin has an economic interest decreased by 9% and 4% respectively when compared with the December Quarter. Revenue was in line with the December Quarter.

Total Production was 9% or 2.1 PJe lower than the December Quarter predominantly as a result of the impact of the APLNG transaction on Origin's share of production from CSG and the Denison Trough. Other significant factors included lower seasonal demand for gas at the Otway Gas Project together with a combination of lower seasonal and contractual demand for gas in the Cooper Basin, decline in the Perth Basin and storage of gas in the Surat Basin. The BassGas Project recorded a 50% increase in production following the resolution of problems constraining production in the previous Quarter.

Revenue was in line with the December Quarter. Higher LPG sales volumes combined with higher realised oil and condensate prices were offset by lower LPG prices and seasonally lower natural gas sales volumes. The average price received for crude and condensate combined increased 18% from A\$59.69 per barrel to A\$70.68 per barrel, while the average price received for LPG decreased 16% from A\$716.98 per tonne to A\$602.15 per tonne.

2. DEVELOPMENT

2.1 Coal Seam Gas (Queensland)

All of Origin's interests in CSG are held through APLNG.

2.1.1 *Spring Gully*

The Spring Gully gas plants achieved gross peak gas sales of 122 TJ/d during the Quarter.

Work continued on the Phase 5 development which will increase gross field deliverability and gas plant capacity to 150 TJ/d. The Talooka gas plant was commissioned during the Quarter with the first three compressors now operational. No development wells were drilled during the Quarter but eight previously drilled wells were brought online.

2.1.2 *Fairview*

Six development wells were drilled in the Fairview field as part of an ongoing program designed to underwrite future production and reserves growth. Commissioning of the Phase 2 infrastructure expansion is near completion and all compression packages are now in production.

2.1.3 *Peat*

No significant activity during the Quarter.

2.1.4 *Talinga/Orana*

Progress on the Talinga development program continued. The development will require 100 wells initially together with gas and water processing facilities and aims to achieve production of 90 TJ/d. During the Quarter four Talinga development wells were drilled and earthworks are in progress for the Talinga gas plant and water handling pond.

2.1.5 *Argyle/Kenya/Lauren/Bellevue*

Fourteen development wells were drilled in the Lauren field during the Quarter as part of ongoing development program for future production.

Commissioning of the Kenya sales gas plant is now expected during the June Quarter.

2.2 Cooper/Eromanga Basin (South Australia/Queensland)

During this Quarter, Origin participated in the drilling of two oil, three gas and four dual oil and gas development wells in South Australia. One well was plugged and abandoned with the remaining wells cased and suspended as future producers.

2.3 Offshore Otway Basin (Victoria/Tasmania)

Gross natural gas production of 10 PJ (Origin share 3.5 PJ) was approximately 9% lower than the previous Quarter reflecting lower seasonal demand. High production (approximately 185 TJ/day) occurred in late January and early February driven by demand from gas fired power generation in response to the southern Australian heat wave. The project achieved operational reliability of over 96% for the Quarter.

2.4 Bass Basin (Tasmania)

A 16 day shut down in February 2009 to address a production constraint limited production of sales gas from the BassGas facility to 4.2 PJ (1.8 PJ Origin share) for the Quarter. During March 2009, gas production was approximately 60 TJ/day. Maintenance at the gas plant and the Yolla platform to optimise performance is scheduled for May 2009.

A contract has been signed to sell approximately 25% of the BassGas produced CO₂ to Air Liquide for liquefaction within a purpose built plant to be constructed adjacent to the BassGas facility.

2.5 Taranaki Basin (New Zealand)

2.5.1 *Kupe*

Construction of the onshore Kupe Production Station is around 94% complete and the pre-commissioning is now well underway. The plant remains on track for first commercial gas sales to commence in the September Quarter of 2009.

Construction of the two storage tanks and associated facilities at the Omata tank farm is progressing well with one tank already at full height. Laying of the light oil export pipeline from the tanks to Port Taranaki is progressing.

2.5.2 *Tariki/Ahuroa/Waihapa/Ngaere (TAWN) and Rimu/Kauri*

An eight well workover program which commenced in November 2008 in the Rimu and Manutahi fields was completed in the Quarter. Planning for development drilling on the Manutahi field is underway.

The Ahuroa Gas Storage Project which is being developed on behalf of Contact Energy continued through this Quarter. Injection of sales gas into the Ahuroa reservoir continued through the Quarter and will continue throughout 2009. Planning of gas injector wells as part of Stage 2 of the Ahuroa Gas Storage Project is underway.

Oil and gas production from the TAWN fields recommenced during the Quarter after being shut-down during 2008 due to modifications being undertaken at the Waihapa Production Station (WPS) as part of Stage 1 of the Ahuroa Gas Storage project.

2.6 Surat Basin (Queensland)

Gas produced from Origin's Surat Basin fields is largely being re-injected to storage reservoirs after stripping of gas liquids.

2.7 Denison Trough (Queensland)

No significant activity during the Quarter.

2.8 Onshore Perth Basin (Western Australia)

2.8.1 *Beharra Springs*

Gas production during the Quarter averaged 7.7 TJ/d gross (5.2 TJ/d net to Origin). Total production was 18% lower than in the previous Quarter due to natural decline. The planned workover to restore production in Beharra Springs 4 has been delayed to April 2009.

2.8.2 *Hovea/Eremia/Xyris*

Average gross oil production for the Quarter through the Hovea production facility was approximately 931 bopd (465 bopd net to Origin), approximately 12% lower than in the previous Quarter due to natural decline and plant maintenance.

Gross gas production from the Xyris plant averaged 5.1 TJ/d (2.6 TJ/d net to Origin) during the Quarter.

2.8.3 *Jingemia*

Gross production during the Quarter from the Jingemia production facility averaged 568 bopd (around 280 bopd Origin share). Production levels were 25% lower than the previous Quarter due to surface equipment failures and well sludge buildup.

3. EXPLORATION

3.1 Coal Seam Gas (Queensland)

All of Origin's interests in CSG are held through APLNG.

3.1.1 *Surat Basin CSG*

Six production/DST wells, three core holes and the first well of a five well pilot program were drilled in APLNG's operated Walloon permits during the Quarter. Pond construction at the Combabula production pilot was completed and the pilot wells brought on line. Pond construction at the Condabri production pilot commenced during the Quarter.

In APLNG's non-operated Walloon ATP 648P permit area three production/DST wells and five pilot wells were drilled during the Quarter. Two additional pilot wells were also drilled in the ATP 620P Joint Venture area on the Undulla Nose. In other non-operated permits outside the Undulla Nose area, one core hole and two pilot wells were drilled during the Quarter.

3.1.2 *Bowen Basin CSG*

There was no exploration activity in APLNG's operated permits in the Spring Gully field area during the Quarter. Fourteen core holes, of which nine will be completed as monitoring wells, were drilled in APLNG's non-operated Comet Ridge area

(including the Fairview field) during the Quarter.

3.1.3 Galilee Basin CSG

No significant activity during the Quarter.

3.2 Cooper/Eromanga Basin (South Australia/Queensland)

Origin participated in the drilling of one South Australian gas appraisal well during the Quarter. The well, Tirrawarra 77, was plugged and abandoned.

3.3 Offshore Otway Basin (Victoria/Tasmania)

Reprocessing of the Investigator 3D seismic survey data in VIC/P43 continued during the Quarter.

Interpretation of the Schomberg 3D (320 sq km) seismic survey in VIC/P43 continued.

Negotiations for a drilling slot on the Ocean Patriot semi-submersible drilling for the drilling of the exploration well, Razorback 1, in late 2009 to early 2010 have been progressed.

3.4 Bass Basin (Tasmania)

Interpretation of the Silvereye 3D seismic survey in T/44P continued during the Quarter.

Site surveys over two proposed well locations in T/18P were conducted during January 2009. Origin, on behalf of the T/18P joint venture, has secured 70 days on the Kan Tan IV semi-submersible drilling rig to drill two wells, namely the Rockhopper 1 exploration well and the Trefoil 2 appraisal well. These wells are expected to be drilled during the September Quarter 2009.

3.5 Taranaki Basin (New Zealand)

Structural interpretation of the seismic over the TAWN and Rimu/Kauri areas is being undertaken to identify possible new drilling opportunities close to these fields.

Reservoir modelling and simulation of the Kupe South Field is ongoing with updated reserves expected by the end of June 2009.

3.6 Surat Basin (Queensland)

A review of the greater Myall Creek area has been initiated to identify remaining opportunities.

The 2009 Surat Basin seismic acquisition program commenced with the acquisition of the Mardi 2D survey in March 2009. The remaining three surveys in the program are on schedule to commence in May 2009.

3.7 Denison Trough (Queensland)

No significant activity during the Quarter.

3.8 Onshore Perth Basin (Western Australia)

The Weatherford Rig 826, mobilised to the Perth Basin in November 2008, became available to the Origin/AWE joint venture on 20 March 2009. At the end of the Quarter the rig was undergoing repairs prior to spudding the first well in the Perth Basin 2009 drilling campaign.

3.9 Bonaparte Basin, Western Australia/Northern Territory

Interpretation of the 940 sq km 3D seismic dataset acquired over the Petrel field is in progress.

3.10 Offshore Northland Basin (New Zealand)

Acquisition of the 153 km Piwakawaka 2D Marine Seismic Survey in PEP 38619 was completed.

3.11 Offshore Canterbury Basin (New Zealand)

Acquisition of the 1,150 sq km Waka 3D Marine Seismic Survey in PEP 38262 and the 940 km Punt 2D Marine Seismic Survey in PEP 38264 was completed.

3.12 Offshore Lamu Basin (Kenya)

The Lamu Joint Venture has surrendered the L9 Block and, under variations to the L8 Block Production Sharing Contract approved by the Kenya Ministry of Energy on 18 December 2008, will record a 300 sq km 3D seismic survey in the L8 Block in the first year of Second Additional Exploration Period, which commenced on 22 January 2009. Origin will fully fund that survey under revised terms to the Farmin Agreement with Pancontinental Oil and Gas NL and Afrex Limited. The L8 Block is to be reduced in size by 40%.

3.13 Song Hong Basin (Vietnam)

On 6 March 2009, Origin representatives attended a ceremony in Hanoi for the formal signing of the Production Sharing Contract for Block 121, offshore Song Hong Basin, between Origin and PetroVietnam. Present at the ceremony were senior representatives of PetroVietnam, the Vietnamese Government, Origin and Australian Trade Commission officials. The exploration block has an effective date for the commencement of operations of 25 March 2009 and a three year initial fixed term. The contract represents Origin's entry into Vietnam as an exploration operator.

4. DRILLING ACTIVITY

4.1 Exploration/Appraisal

The tables below summarises the exploration and appraisal drilling undertaken during the Quarter:

Well	Basin/Area	Target	Origin Interest %	Well Status
Tirrawarra 77	Cooper/Eromanga - SA	Gas	13.19	P&A

Well	Basin/Area	Target	APLNG Interest %	Well Status
Fairview 83 OB1	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 83 OB2	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 83 OB3	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 206 OB1	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 206 OB2	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 206 OB3	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 412 OB1	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 412 OB2	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Fairview 206 OB3	Bowen Basin - Qld	CSG	23.93	Core,Monitor
Castle Hill 1	Bowen Basin - Qld	CSG	23.85	Core/Prod
Hilltop 1	Bowen Basin - Qld	CSG	23.85	Core/Prod
Hardenley 2	Bowen Basin - Qld	CSG	23.85	Core/Prod
Arcadia Valley 2	Bowen Basin - Qld	CSG	23.85	Core/Prod
Ok Station 1	Bowen Basin - Qld	CSG	23.93	Core/DST,CSG
Ben Bow 2	Surat Basin - Qld	CSG	18.10	Pilot
Ben Bow 5	Surat Basin - Qld	CSG	18.10	Pilot
Boxgrove 1	Surat Basin - Qld	CSG	18.10	Core
Kate 2	Surat Basin - Qld	CSG	31.25	Pilot
Kate 3	Surat Basin - Qld	CSG	31.25	Pilot
Kenya East 10	Surat Basin - Qld	CSG	31.25	Pilot
Kenya East 11	Surat Basin - Qld	CSG	31.25	Pilot
Kenya East 12	Surat Basin - Qld	CSG	31.25	Pilot
Kenya East 13	Surat Basin - Qld	CSG	31.25	Pilot
Kenya East 14	Surat Basin - Qld	CSG	31.25	Pilot
David 2	Surat Basin - Qld	CSG	31.25	Prod/DST
Barney 3	Surat Basin - Qld	CSG	31.25	Prod/DST
Harry 1	Surat Basin - Qld	CSG	31.25	Prod/DST CSG
Pine Hills 8	Surat Basin - Qld	CSG	92.72	Prod/DST
Horse Creek 2	Surat Basin - Qld	CSG	92.72	Prod/DST
Horse Creek 5	Surat Basin - Qld	CSG	92.72	Prod/DST
Reedy Creek 2	Surat Basin - Qld	CSG	92.72	Prod/DST
Ramyard 11	Surat Basin - Qld	CSG	92.72	Prod/DST
Meeleebee 2	Surat Basin - Qld	CSG	92.72	Core
Muggleton 2	Surat Basin - Qld	CSG	92.72	Core
Condabri 9	Surat Basin - Qld	CSG	100.00	Prod/DST
Dalwogan 4	Surat Basin - Qld	CSG	100.00	Core
Pine Hills 6	Surat Basin - Qld	CSG	92.72	Pilot

4.2 Development

The tables below summarises the development drilling undertaken during the Quarter:

Well	Basin/Area	Target	Origin Interest %	Well Status
Spencer 13	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Bindah 3	Cooper/Eromanga - SA	Oil/Gas	13.19	C&S, Oil/Gas
Fly Lake 27	Cooper/Eromanga - SA	Oil/Gas	13.19	C&S, Oil/Gas
Muteroo 6	Cooper/Eromanga - SA	Oil	13.19	P&A
Mudrangie South 1	Cooper/Eromanga - SA	Oil/Gas	13.19	C&S, Oil/Gas
Fly Lake 26	Cooper/Eromanga - SA	Oil/Gas	13.19	C&S, Oil/Gas
Nephrite 2	Cooper/Eromanga - SA	Gas	13.19	C&S, Gas
Nephrite South 5	Cooper/Eromanga - SA	Gas	13.19	C&S, Oil/Gas
Tindilpie 7	Cooper/Eromanga - SA	Gas	13.19	C&S, Gas

Well	Basin/Area	Target	APLNG Interest %	Well Status
Talinga 21	Walloon-Qld	CSG	100.00	C&S
Talinga 25	Walloon-Qld	CSG	100.00	C&S
Talinga 26	Walloon-Qld	CSG	100.00	C&S
Talinga 27	Walloon-Qld	CSG	100.00	C&S
Fairview 180	Bowen Basin - Qld	CSG	23.93	C&S
Fairview 185	Bowen Basin - Qld	CSG	23.93	C&S
Fairview 400	Bowen Basin - Qld	CSG	23.93	C&S
Fairview 403	Bowen Basin - Qld	CSG	23.93	C&S
Fairview 408	Bowen Basin - Qld	CSG	23.93	C&S
Fairview 409	Bowen Basin - Qld	CSG	23.93	C&S
Lauren 10	Walloon - Qld	CSG	40.625	C&S
Lauren 11	Walloon - Qld	CSG	40.625	C&S
Lauren 12	Walloon - Qld	CSG	40.625	C&S
Lauren 15	Walloon - Qld	CSG	40.625	C&S
Lauren 16	Walloon - Qld	CSG	40.625	C&S
Lauren 22	Walloon - Qld	CSG	40.625	C&S
Lauren 46	Walloon - Qld	CSG	40.625	C&S
Lauren 47	Walloon - Qld	CSG	40.625	C&S
Lauren 49	Walloon - Qld	CSG	40.625	C&S
Lauren 50	Walloon - Qld	CSG	40.625	C&S
Lauren 51	Walloon - Qld	CSG	40.625	C&S
Lauren 58	Walloon - Qld	CSG	40.625	C&S
Lauren 64	Walloon - Qld	CSG	40.625	C&S
Lauren 101	Walloon - Qld	CSG	40.625	C&S

5. ACQUISITIONS/DIVESTMENTS

During the Quarter:

- OMV New Zealand Limited withdrew from PEP 38619 in the offshore Northland Basin, New Zealand, effective 1 February 2009. Origin now holds 100% interest in the permit.
- Origin has surrendered PEP 38495, offshore Taranaki Basin, New Zealand, previously held 50:50 with Mighty River Power.
- A production sharing contract (PSC) between Origin and PetroVietnam in respect of Block 121 in the Song Hong Basin, offshore Vietnam, has been signed (see section 3.13).
- As part of the variations for work obligation for the offshore Kenya (Lamu Basin) acreage, 40% of Block L8 has been relinquished and all of Block L9 has been surrendered (see section 3.12).

6. EXPLORATION AND DEVELOPMENT EXPENDITURE

E & D

Expenditure

Australian

Operations

	A\$'000	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Exploration/ Appraisal		11,173	10,382		8	14,533	37,801
Development/ Plant		48,079	92,450	(48)	94,203	272,180	257,482
Total		59,252	102,831	(42)	108,736	309,982	297,988

The above expenditure includes Origin's contribution to the exploration and development of its CSG interests up until completion of the APLNG transaction. Following completion of this transaction ConocoPhillips will carry Origin's share of capital expenditure within the APLNG joint venture up to a further A\$1.15 billion leading up to a final investment decision in the proposed LNG development. Origin has therefore not contributed to this stage of the extensive ongoing CSG capital expenditure program since completion of the APLNG transaction. This is the primary reason for capital expenditure in the March Quarter 2009 being lower than both the previous Quarter and the prior corresponding Quarter.

E & D

Expenditure

New Zealand

Operations

	NZ\$'000	This Quarter	Previous Quarter	% Change	Mar Quarter 2008	YTD 2008/09	YTD 2007/08
Exploration/ Appraisal		41,410	2,754	1,403	269	59,256	10,477
Development/ Plant		47,915	26,433	81	86,854	122,486	222,568
Total		89,324	29,188	206	87,123	181,742	233,045

7. ORIGIN'S INTERESTS

7.1 Origin held interests in the following permits during the Quarter:

Basin/Project Area	Permits (Origin current interest) (* Denotes Operatorship)
Australia	
<i>Surat Basin (Qld)</i>	PL 14 (100%*); PLs 56 and 74 (69.0%*); PL 30 (75.0%*); PLs 21, 22, 27 and 64 (87.50%*); PLs 53, 174 and 227 (100%*); ATP 470P Redcap (90.0%*); ATP 470P Formosa Downs (42.7192%*); PL 71 (Production) (90.0%*); PL 71 (Exploration) (72.0%*); PL 70 (100%*) and PL 264(Application) (90%*); ATP 471P Weribone Pooling Area (50.64%*); ATP 336P and PLs 10W, 11W, 12W, 28, 69 and 89 (46.25%); PL 11 Snake Creek East 1 Exclusion Zone (25.0%); ATP 647P (Block 2656 only) (50.0%*); and ATP 754P (50.0%*).
<i>Onshore Otway Basin</i>	
- SA	PRL 13 (50.0%) (subject to pre-emption by and transfer to Essential Petroleum Resources Ltd)
- Victoria	PPLs 6 and 9 and PRL 1 (90.0%*); PPLs 4, 5, 7, 10 and 12 (100.0%*); PPL 2 (Ex. Iona) (100.0%*); PPL 8 (100.0%*)
<i>Offshore Otway Basin</i>	
- Victoria	VIC/L23 and VIC/P43 (30.75%); VIC/RL2(V) (100.0%*)
- Tasmania	T/L2, T/L3, T/30P and T/34P (30.75%)
<i>Bass Basin (Tasmania)</i>	T/L1 and T/RL1 (42.50%*); T/18P (39.0%*); and T/44P (60.0%*)
<i>Onshore Perth Basin (WA)</i>	EP 320 and L11 (67.0%*); EP 368 (15.0%); L14 (49.189%*); and L1/L2 (excluding Dongara, Mondarra and Yardarino) (50.0%)
<i>Offshore Bonaparte (WA/NT)</i>	NT/RL1 and WA6R (5.0%)
<i>Cooper Basin</i>	
- Qld	SWQ Unit Subleases (16.7375%); Aquitaine A & B Blocks and associated PLs (25.0%); Aquitaine C Block and associated PLs (27.0%); and Wareena Block and associated PLs (10.0%)
- SA	SA Unit PPLs (13.19%); Patchawarra East Block PPLs (10.536%); Reg Sprigg West Unit (PPLs 194 and 211) (7.902%)
New Zealand	
Taranaki Basin	PMP 38151, PMP 38155, PML 38138, PML 38139, PML 38140 and PML 38141 (100%*) and PML 38140 (below base of Tikorangi Formation) and PML 38141 (below base of Tikorangi Formation) (50.0%*); PML 38146 (50.0%*) and PEP 38485 (33.333%)
Northlands Basin	PEP 38619 (100.0%*)
Canterbury Basin	PEP 38262 and 38264 (100.0%*)
Kenya	
Lamu Basin	L8 and L9 (75.0%*)
Vietnam	
Song Hong Basin	Block 121 (100.0%*)

7.2 APLNG held interests in the following permits during the Quarter:

APLNG (formerly known as Origin Energy CSG Limited) holds interests in the permits listed below. The interests denote Origin's effective interest in the permits - being 50% of the interest held by APLNG.

Basin/Project Area	Permits (Origin current effective interest) (* Denotes Operatorship)
Australia	
<i>Denison Trough (Qld)</i>	PLs 41, 42, 43, 44, 45, 54, 67, 173, 183 and 218 (25.0%*); ATP 337P (25.0%); ATP 337P Mahalo (15.0%); and ATP 553P (25.0%)
<i>Galilee Basin (Qld)</i>	ATPs 666P, 667P and 668P (50.0%*)
<i>CSG (Qld)</i>	
- <i>Spring Gully</i>	PLs 195 and 203 and ATP 592P (47.25%*); PL 204 (49.8625%*); and PL 200 (47.8552%*)
- <i>Fairview</i>	PLs 90, 91, 92, 99, 100, 232, 233, 234, 235 and 236 and ATP 526P (11.965%)
- <i>Peat</i>	PL 101 (50%*)
- <i>Argyle/Kenya/Lauren/Bellevue</i>	PLs 179, 180(A), 228, 229 and 263(A) and ATP 620P (20.3125%); ATP 610P and PL 247(A) (14.6875%); and ATP 648P, PL 257(A), PL 273(A), PL 274(A), PL 275(A) and PL 278(A) (15.625%)
- <i>Talinga/Orana</i>	PLs 209, 226, 215(A), 216(A), 225(A), 272(A) and 289(A) and ATP 692P (50%*)
- <i>Other(Bowen Basin)</i>	PLs 219 and 220 (50%*); ATP 653P and ATP 745P (11.925%); and ATP 804P (14.6491%)
- <i>Other (Surat Basin)</i>	ATP 606P and PL 297(A)(46.3581%*); ATP 631P (9.04825%); ATP 663P (50%*); ATP 702P, PLs 265(A), 266(A) and 267(A) (50.0%*); ATP 972P (46.3581%*) and ATP 973P (50.0%*) (ATPs 972P and 973P subject to EA approval)

8. CONVERSION FACTORS AND ABBREVIATIONS

8.1 Conversion Factors

Crude oil	0.00583	PJ/kbbls
Condensate	0.00541	PJ/kbbls
LPG	0.0493	PJ/ktonnes
Ethane	0.0517	PJ/ktonnes

8.2 Abbreviations

APLNG	Australia Pacific LNG - a 50:50 incorporated Joint Venture between Origin Energy and ConocoPhillips
barrels	an international measure of oil production. 1 barrel = 159 litres
bopd	barrels of oil per day
bwpd	barrels of water per day
C&C	cased and completed
C&S	cased and suspended
CSG	coal seam gas
CTU	coiled tubing unit
DA	designated authority
EA	environmental authority
GJ	Gigajoule = 10^9 joules
joule	a measure of energy
Kbbls	Kilo barrels = 1,000 barrels
Ktonnes	Kilo tonnes = 1,000 tonnes
LPG	liquid petroleum gas
mmscfd	million standard cubic feet per day
P&A	plugged and abandoned
P&S	plugged and suspended
PCA	potential commercial area
PSC	production sharing contract
PSDM	post stack depth migration (seismic processing)
PJ	petajoule = 10^{15} joules
PJe	petajoule equivalent, a measure used to express the volume of different petroleum products on the basis of the energy contained in the product
Spudding	to commence drilling a well
TD	total depth
TJ	terajoule = 10^{12} joules
TJ/d	terajoules per day
Water Inj	water injection well