



To	Company Announcements Office	Facsimile	1300 135 638
Company	ASX Limited	Date	31 January 2013
From	Helen Hardy	Pages	20
Subject	EXPLORATION AND PRODUCTION REPORT FOR QUARTER ENDED 31 DECEMBER 2012		

Please find attached the December 2012 Quarterly Production Report.

Regards

Helen Hardy
Company Secretary

02 8345 5467 – helen.hardy@originenergy.com.au

December 2012 Quarterly Production Report

Exploration and Production report for Quarter ended 31 December 2012

Comparative performance at a glance - Origin's total proportional interests			
Year to Date Comparison	July - Dec 2012	July - Dec 2011	Change %
Production (PJe)	62.0	65.4	(5)
Sales (PJe)	66.4	70.1	(5)
Revenue (A\$m)	424.7	430.1	(1)
Prior Corresponding Quarter Comparison	December Quarter 2012	December Quarter 2011	Change %
Production (PJe)	28.8	28.5	1
Sales (PJe)	30.2	30.7	(2)
Revenue (A\$m)	200.2	197.8	1
Previous Quarter Comparison	December Quarter 2012	September Quarter 2012	Change %
Production (PJe)	28.8	33.1	(13)
Sales (PJe)	30.2	36.2	(17)
Revenue (A\$m)	200.2	224.5	(11)

Note: Information presented in the table above and throughout this report relates only to hydrocarbon exploration and production activities undertaken by Origin Energy Limited ("Origin"), its subsidiaries and the incorporated joint ventures in which it has interests. The report does not cover other business activities of Origin such as electricity generation or energy retailing.

Highlights

- The Yolla offshore platform returned to production on 15 October 2012
- Major planned inspection and maintenance shutdowns were successfully completed at the Otway and Kupe plants
- Production and revenues in line with the prior December Quarter
- Production 13% lower and revenue 11% lower than previous Quarter due to maintenance shutdowns. No further major maintenance shutdowns are scheduled for the remainder of the financial year
- Australia Pacific LNG has drilled a total of 209 operated Phase 1 wells to 31 December 2012
- The Upstream and Downstream components of the Australia Pacific LNG project were 29% complete and 31% complete respectively at 31 December 2012

Production and Sales

Six Months to 31 December 2012 compared with Six Months to 31 December 2011

Production in the half year to 31 December 2012 was 62 PJe, 5% lower than the comparable period in 2011. This was attributable to lower production from BassGas due to the Yolla Mid Life Enhancement Project, a dilution of Origin's interest in Australia Pacific LNG, the suspension of gas operations at the Kincora gas plant in the Surat Basin and lower customer nominations and plant availability at Kupe. These factors more than offset increased production from the Otway Basin due to increased plant throughput following the completion of the Inlet Gas Compression Project.

Sales volumes in the half year to December 2012 of 66 PJe also fell by 5%, consistent with lower production, whilst sales revenue of \$425 million was only marginally lower than the comparable period in 2011 reflecting higher average commodity prices.

December Quarter 2012 compared with December Quarter 2011

Production of 29 PJe in the December Quarter 2012 was 1% above the comparable Quarter in 2011 as increased output from the Otway Basin more than offset the suspension of gas operations in the Surat Basin, and a lower share of Australia Pacific LNG production due to the dilution of Origin's ownership interest.

Sales revenue also improved by 1% as higher average commodity prices offset a 2% fall in sales volumes.

December Quarter 2012 compared with September Quarter 2012

Production of 29 PJe in the December Quarter 2012 was 13% lower than the September Quarter 2012. This is primarily attributable to the scheduled maintenance shutdowns in the December Quarter 2012 at the Otway and Kupe gas plants for 23 days and 25 days respectively, partly offset by the return to production at BassGas.

Sales revenues declined by 11% due to a 17% decline in sales volumes, partly offset by higher average commodity prices.

Exploration, Evaluation and Capital Expenditure

Total expenditure for the Quarter on exploration and evaluation activities was \$3 million and capital expenditure on development and production activities was \$141 million (excluding Australia Pacific LNG) as detailed in Section 5 of this report.

Significant activities during the Quarter:

- **Bass Basin:**
 - On 15 October 2012, Origin announced that the Yolla offshore platform had returned to free flow production mode, onshore operations at Lang Lang had restarted and BassGas had recommenced supplying gas to south-east Australia. For further details see Origin's website at <http://www.originenergy.com.au/news/article/asxmedia-releases/1438>
- **Otway Basin:**
 - A scheduled 23 day major shutdown for inspection and maintenance was completed at the Otway plant on 12 December 2012
- **Taranaki Basin (Kupe):**
 - A scheduled 25 day inspection and maintenance shutdown was completed at the Kupe plant on 8 November 2012
- **Drilling Activities:**
 - **Australia Pacific LNG**
216 wells, including 194 development wells (83 operated production wells of which 82 were Phase 1 wells, one operated groundwater monitoring well, one re-injection trial well and 109 non-operated wells) and 22 exploration/appraisal wells were drilled in the Quarter

- o **Cooper Basin**

Origin participated in seven conventional gas development wells and four exploration/appraisal wells drilled in the Quarter

- o **Otway Basin**

Geographe 2 laterals L1 and L2 reached total depth in November and December respectively. Geographe 3 was suspended at a depth of 2,750 metres. Completion of the Geographe 3 well has been deferred to a later campaign

Post Report Date Events

- **Australia Pacific LNG**

Severe weather on the Australian east coast following tropical cyclone Oswald in late January 2013 had a minor impact on Australia Pacific LNG's upstream and downstream operations. Flooding and rainfall impacted construction activities due to access restrictions and wet conditions. Australia Pacific LNG's producing assets at Spring Gully, Peat and Denison were unaffected, while minor flooding at Talinga has not impacted Australia Pacific LNG's ability to meet customer demand. Drilling was halted for approximately three days due to access constraints, while Curtis Island site activities were restricted for seven days. There are no expected impacts to the critical path.

1. PRODUCTION, SALES AND REVENUE

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.

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

Natural Gas and Ethane	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Natural Gas	PJ						
APLNG (CSG & Denison Trough)*		10.4	10.9	(5)	11.0	21.4	22.8
SA Cooper & SWQ		2.9	3.3	(12)	3.3	6.1	6.8
Otway Basin (offshore)		7.0	10.3	(32)	5.0	17.3	14.8
Bass Basin		1.6	-	-	1.6	1.6	3.4
Surat Basin		-	-	-	0.6	-	1.2
Perth Basin		0.9	1.1	(18)	0.6	2.0	1.2
Taranaki Basin (onshore)		0.1	0.1	0%	0.1	0.2	0.2
Taranaki Basin (Kupe)		1.8	2.5	(28)	1.9	4.3	4.8
Ethane	PJ						
SA Cooper & SWQ		0.3	0.4	(25)	0.4	0.7	0.8
Total Production		25.0	28.6	(13)	24.5	53.6	56.0
Total Sales Volume		24.8	30.4	(18)	25.1	55.2	58.7
Total Sales Revenue	\$M	97.2	122.2	(20)	96.7	219.4	225.7
Average Gas Price	\$/GJ	3.92	4.02	(2)	3.85	3.97	3.84

Crude Oil	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Crude Oil	kbbls						
SA Cooper & SWQ		101.0	104.0	(3)	78.1	205.0	173.7
Surat Basin		4.3	4.4	(2)	5.2	8.8	10.3
Perth Basin		6.6	8.5	(22)	17.0	15.1	35.5
Taranaki Basin (onshore)		42.1	40.2	5	41.7	82.3	76.9
Total Production		154.0	157.1	11	142.0	311.2	296.4
Total Sales Volume		455.7	318.1	43	312.9	773.8	641.1
Total Sales Revenue	\$M	51.7	36.0	44	37.7	87.7	76.1
Average Crude Price	\$/bbl	113	113	0	120	113	119

* Origin's share in Australia Pacific LNG was diluted from 50% to 42.5% on 9 August 2011 and to 37.5% on 12 July 2012.

Condensate/Naphtha	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Condensate/Naphtha	kbbls						
APLNG (Denison Trough)*		0.3	0.2	50	0.2	0.5	0.5
SA Cooper & SWQ		54.9	57.4	(4)	54.5	112.3	109.6
Otway Basin (offshore)		63.7	106.8	(40)	49.5	170.5	155.1
Bass Basin		59.7	-	-	55.4	59.7	118.1
Surat Basin		-	-	-	6.2	-	11.9
Perth Basin		0.3	0.3	0	0.3	0.6	0.3
Taranaki Basin (Kupe)		153.5	221.5	(31)	184.9	375.0	461.5
Total Production		332.4	386.2	(14)	351.0	718.6	857.0
Total Sales Volume		304.4	447.8	(32)	457.7	752.2	863.3
Total Sales Revenue	\$M	30.4	45.3	(33)	46.0	75.7	84.7
Average Condensate Price	\$/bbl	100	101	(1)	101	101	98

LPG	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
LPG	Kt						
SA Cooper & SWQ		6.6	7.4	(11)	6.7	14.0	14.1
Otway Basin (offshore)		6.7	12.5	(46)	4.6	19.1	15.1
Bass Basin		3.2	-	-	4.1	3.2	8.8
Surat Basin		-	-	-	1.1	-	2.3
Taranaki Basin (onshore)		0.2	0.3	(33)	0.2	0.5	0.4
Taranaki Basin (Kupe)		7.3	10.4	(30)	8.7	17.7	21.4
Total Production		24.0	30.6	(22)	25.4	54.5	62.1
Total Sales Volume		22.4	30.8	(27)	25.2	53.2	61.9
Total Sales Revenue	\$M	21.0	21.0	(0)	17.3	42.0	43.6
Average LPG Price	\$/t	938	682	38%	687	789	704

1.2 Production by Basin (including APLNG production)

Production by Basin (All products, PJe)	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Production by Basin	PJe						
APLNG (CSG & Denison Trough)*		10.4	10.9	(5)	11.0	21.4	22.8
SA Cooper & SWQ		4.4	5.0	(12)	4.7	9.4	9.9
Otway Basin (offshore)		7.7	11.5	(33)	5.5	19.1	16.3
Bass Basin		2.1	-	-	2.1	2.1	4.5
Surat Basin		0.0	0.0	0	0.7	0.1	1.4
Perth Basin		0.9	1.1	(18)	0.7	2.0	1.4
Taranaki Basin (onshore)		0.3	0.3	0	0.4	0.7	0.7
Taranaki Basin (Kupe)		3.0	4.3	(30)	3.4	7.2	8.4
Total Production Volume	PJe	28.8	33.1	(13)	28.5	62.0	65.4
Total Sales Volume	PJe	30.2	36.2	(17)	30.7	66.4	70.1
Total Sales Revenue	\$M	200.2	224.5	(11)	197.8	424.7	430.1
Average Commodity Price	\$/GJe	6.63	6.20	7%	6.44	6.40	6.14

* Origin's share in Australia Pacific LNG was diluted from 50% to 42.5% on 9 August 2011 and to 37.5% on 12 July 2012.

1.3 Production, Sales Volumes and Revenue Summaries

1.3.1 Origin excluding interest in APLNG

Total All Products	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Production (all products)	PJe	18.4	22.2	(17)	17.5	40.6	42.6
Sales (all products)	PJe	19.5	24.4	(20)	19.7	43.9	46.9
Total Sales Revenue	\$M	166.0	187.7	(12)	163.4	353.7	357.8

1.3.2 Origin's interest in APLNG*

Total All Products	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Production APLNG 100%	PJe	27.9	29.1	(4)	25.9	57.0	52.0
Origin's interest:							
Production (all products)	PJe	10.4	10.9	(5)	11.0	21.4	22.8
Sales (all products)	PJe	10.7	11.8	(9)	11.0	22.5	23.3
Total Sales Revenue	\$M	34.2	36.8	(7)	34.4	71.0	72.3

1.4 Internal and External Purchase and Sales Summary

1.4.1 Internal and External Sales (Origin excluding interest in APLNG)

Internal & External Sales Volumes	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Total Sales Volume	PJe						
Internal		8.3	7.7	8	6.3	16.1	16.3
External		11.2	16.7	(33)	13.4	27.9	30.6
Total		19.5	24.4	(20)	19.7	44.0	46.9

1.4.2 External Purchases

Product Purchases included in above sales	Unit	This Quarter	Previous Quarter	% Change	December Quarter 2011	YTD 2012/13	YTD 2011/12
Origin (excluding interest in APLNG)	PJe	1.2	1.4	(14)	1.7	2.6	4.1
Origin's interest in APLNG*	PJe	0.8	1.3	(38)	0.4	2.1	1.2
Total	PJe	2.0	2.7	(26)	2.1	4.7	5.3

* Origin's share in Australia Pacific LNG was diluted from 50% to 42.5% on 9 August 2011 and to 37.5% on 12 July 2012.

2 DEVELOPMENT AND EXPLORATION OPERATIONS

2.1 Origin's interests held through Australia Pacific LNG

2.1.1 Upstream Operations

APLNG production (100%) was 27.9 PJe, a decline of 4% compared to the previous Quarter due to lower seasonal customer demand.

Spring Gully gas production peaked at 110 TJ/d (Australia Pacific LNG share) while Talinga gas production peaked at 104 TJ/d (100% owned by Australia Pacific LNG), a decline of 4% and 8% respectively on the previous Quarter. Average production from operated assets declined from 232 TJ/d in the September Quarter to 211TJ/d (Australia Pacific LNG share) but increased from 85 TJ/d to 92 TJ/d from non-operated assets (Australia Pacific LNG share).

Australia Pacific LNG participated in 216 wells during the Quarter, including 194 development wells (83 operated production wells (of which 82 are Phase 1 wells), one operated groundwater monitor well, one re-injection trial well and 109 non-operated wells) and 22 appraisal wells.

Australia Pacific LNG Operated Production Wells

The Phase 1 drilling program continued, with 82 operated production wells drilled during the Quarter, compared with 59 in the previous Quarter. Of these, 72 were drilled in Condabri, 5 in Spring Gully and 5 in Combabula. A total of 209 Phase 1 operated wells have been drilled to 31 December 2012.

			Pre-Phase 1 ¹	Phase 1 ²	
			Development wells online	Development wells drilled	Development wells online
Bowen	Spring Gully	This Quarter	-	5 ³	-
		YTD 2012/13	1	13 ³	-
		Total to Date	151	13 ³	-
		Max. Avg Well Deliverability ⁴	1.5 TJ/d	-	-
Surat	Talinga	This Quarter	-	-	-
		YTD 2012/13	-	-	-
		Total to Date	70	-	-
		Max. Avg Well Deliverability ⁴	2.3 TJ/d	-	-
	Condabri	This Quarter	-	72	-
		YTD 2012/13	-	123	-
		Total to Date	-	191	-
		Max. Avg Well Deliverability ⁴	-	-	-
	Combabula	This Quarter	-	5	-
		YTD 2012/13	-	5	-
		Total to Date	-	5	-
		Max. Avg Well Deliverability ⁴	-	-	-
	Total	This Quarter	-	82	-
		YTD 2012/13	1	141	-
		Total to Date	221⁵	209	-

Notes:

The table reflects wells spudded in the Quarter and not wells re-entered.

¹ Australia Pacific operated wells designated to deliver gas to its domestic operations

² Australia Pacific operated wells designated to deliver first gas to both trains of the CSG to LNG project

³ Excludes pre-Phase 1 development wells

⁴ Maximum average observable rate sustained over a week, looking back over one year, from wells that have been online for more than six months

⁵ Excludes 25 conventional wells in the Denison Trough and 23 CSG wells in the Peat Project Area, as these are not targeted for any Phase 1 development

Bowen Basin (CSG)

Spring Gully Project area (Operated)

The gas plants achieved gross peak gas production of 112 TJ/day (Australia Pacific LNG share 110 TJ/day) and averaged 103 TJ/day (Australia Pacific LNG share 101 TJ/day) during the Quarter.

The well workover program continued to install artificial lift completions in an additional 20 wells (19 wells were worked over in the previous Quarter). Of the 39 wells that were part of the workover program in the six months to December 2012, 31 have been re-commissioned.

Drilling and completion activities associated with the Australia Pacific LNG Phase 1 project continues with five development wells drilled during the Quarter.

Fairview Project area (Non-operated)

Average Fairview gas production during the Quarter was 122 TJ/d (Australia Pacific LNG share 29 TJ/d).

16 development wells and five exploration/appraisal wells were drilled in the non-operated Fairview project area and other GLNG-operated tenements in the region during the Quarter.

Surat Basin (CSG)

Talinga/Orana Project Area (Operated)

Average production for the Quarter was 98 TJ/d with a peak of 104 TJ/d (100% owned by Australia Pacific LNG). 70 wells are currently producing in the field with more wells expected to come online in the March Quarter.

An extension to the Environmental Approval to allow treated CSG water to be released from the Talinga Water Treatment Facility into the Condamine River until March 2014 was issued by the Queensland Government during the Quarter.

Argyle/Kenya/Lauren/Bellevue Project Area (Non-operated)

ATP 620 (Kenya) production averaged 149 TJ/d during the Quarter (Australia Pacific LNG share 61 TJ/d) and PL 247 (Bellevue) production averaged 6 TJ/d during the Quarter (Australia Pacific LNG share 2 TJ/d), with Australia Pacific LNG receiving a further 1 TJ/d of Bellevue gas under gas banking repayment arrangements with QGC.

Across total participating QGC tenements, 88 development wells, five groundwater monitoring wells and 14 appraisal wells were drilled during the Quarter.

Condabri Project Area (Operated)

Development of the Condabri field has progressed, with 72 development wells and two appraisal wells drilled during the Quarter.

Combabula Project Area (Operated)

Development for the Australia Pacific LNG Phase 1 project commenced in the Combabula project area during the Quarter with 5 development wells drilled.

Peat Project Area (Operated)

Average gas production for the Quarter was 9 TJ/d (100% owned by Australia Pacific LNG).

Other Areas

Two appraisal pilot wells (drilled in previous Quarters) were commissioned during the Quarter in ATP 972 and ATP 663 to assess the economic potential of fracture stimulated wells in lower permeability coals.

Galilee Basin (CSG)

No significant activity occurred during this Quarter.

Denison Trough (including Conventional)

Average gas production for the Quarter was 8 TJ/d (Australia Pacific LNG share 4 TJ/d). The Northern Denison field remains temporarily shut down to carry out upgrade activities.

The exploration program in ATP 337 continued with well completion activities on Mahalo 3, 4, 5 and 6 wells. One CSG appraisal well, Mira 3, was drilled in the Denison Trough area during the Quarter.

2.1.2 Upstream Project Update

The Upstream project is 29% complete at the end of December 2012.

There were 82 development wells drilled in the Quarter with a total of 209 Phase 1 wells drilled to date. Three Savanna hybrid coil rigs and one conventional Ensign rig were operational at the end of December. Gathering pipework installation continued during the Quarter with the equivalent of 66 wells connected.

Pipe welding is complete for the Condabri lateral and is underway on the main pipeline. Over 40% of the Condabri Lateral pipeline has been lowered in and backfilled and 142 km of main pipeline has been welded. Construction of the Condabri Central Gas Plant is 60% complete. Major earthworks for the Water Treatment Facility commenced during the Quarter. Electrification works are well underway in the Condabri region with all main switchyard HV apparatus installed at Condabri Central. Major equipment items, including modules and compressors, continue to arrive on time.



Second Pre Assembled Unit installation at Condabri Central Gas Processing Facility, December 2012

2.1.3 Downstream Project Update

The Downstream project is 31% complete at the end of December 2012.

On Curtis Island, civil construction is 91% complete, the Material Off-loading Facility was completed in December 2012 and regulatory approvals were received for operation. The Train 1 methane compressor foundation table top was completed in December and work continued to plan for the propane and ethane compressor installations. The Train 2 site area preparations were completed and foundation work initiated. Erection and welding works on both LNG Tanks continued during the Quarter and remain on schedule. The first ethylene and propane compressors and the gas turbine generators were released for shipment. Phase 3 of the accommodation village, including 264 rooms with sports and recreational facilities was completed in December 2012. No dredging work was planned for the period. Steel shipments and module assembly continued in Batam, Indonesia. By the end of December 2012, the first four shipments of structural steel had been delivered. Factory acceptance testing has been successfully completed on all seven Train 1 compressor gas turbine drivers and the first shipment of air coolers was delivered to Batam in December.



LNG tanks, December 2012

2.2 Cooper / Eromanga Basin (South Australia / Queensland)

Production in the Cooper Basin was 4.4 PJe (Origin's share), a decrease of 12% compared to the previous Quarter due to lower gas (-12%), LPG (-11%), crude oil (-3%) and condensate (-4%) production.

Seven development wells and four exploration wells were drilled during the Quarter. All development wells have been cased and suspended as future gas producers. The exploration program included the commencement of the deep gas program (Gaschnitz 01) and shale gas appraisal (Roswell 1). Drilling activity will expand in the forthcoming Quarter with four rigs in operation compared to two rigs at present.

2.3 Otway Basin (Victoria / Tasmania)

Production from the Otway Basin was 7.7 PJe (Origin's share), a decrease of 33% compared to the previous Quarter due to a planned major shut down at the Otway plant. Operations were suspended for 23 days during November and December 2012 for planned maintenance and inspection activities.

The drilling campaign associated with the Geographe development recommenced in October following the suspension of activities on the Stena Clyde semi-submersible drilling rig (operated by Stena Drilling) on 27 August 2012 due to an accident which resulted in two fatalities. Geographe 2 laterals L1 and L2 reached total depth in November and December respectively, and well completion activities are progressing. Geographe 3 was suspended at a depth of 2,750 metres. Completion of the Geographe 3 well has been deferred to a later campaign.

Geological assessment of the Speculant prospect which is located in the near-shore water of VIC/RL2(V) was completed and planning has commenced to drill an exploration well.

Interpretation of the Aragorn (T/34P) 3D seismic survey and the Bellerive (T/30P) 3D seismic survey is completed. Volume and risk assessment of leads identified from the latest interpretation is completed. Work is continuing in T/34P to further evaluate the remaining potential in the block.

2.4 Bass Basin (Tasmania)

The Yolla Platform returned to production (Origin's share 2.1 PJe) on 15 October 2012 as works associated with the first part of the Mid Life Enhancement Project were completed. The timing of installation of the export compression and condensate pumping modules, currently stored at Geelong, is yet to be determined by the joint venture.

Geological prospectivity and volumetric assessment of the area covered by the Chappell 3D seismic survey in T/18P was completed in the Quarter.

Work on assessing the prospectivity of the White Ibis/Bass 3 area of T/18P continued. An application will be sent to the government in January 2013 to extend the term of the four declaration of location areas (Trefoil, Rockhopper, White Ibis and Bass 3) by a further two years.

2.5 Surat Basin (Queensland)

Operations at the Kincora gas processing plant remain suspended pending the completion of an asset review. Oil production (4.3 kbbls Origin share) is continuing from the Emu Apple and Riverslea fields.

The Farawell 3D seismic survey in ATP 754P underwent final seismic processing with interpretation commencing in November.

The five well Duke 2 pilot at the Ironbark ATP 788 CSG tenement continued to dewater with sufficient gas now flowing to feed the surface facilities. Construction of facilities for the Duke 3 pilot (five wells) has been completed and operations are expected to commence in January 2013.

2.6 Perth Basin (Western Australia)

Perth Basin production of 0.9 PJe fell by 18% from the previous Quarter largely due to reduced gas demand and a planned four day maintenance shutdown at Beharra Springs.

Non-operated assets remain shut-in. The Senecio-2 well in the L1/L2 permit was production

tested and has been shut-in to assess future development options.

Processing of the data recorded by the Redback-Irwin 3D seismic survey and reprocessing of the vintage 3D seismic data is expected to be completed in January 2013.

2.7 Bonaparte Basin (Western Australia/Northern Territory)

No significant activity occurred in the Quarter.

2.8 Taranaki Basin (New Zealand)

Kupe (offshore Taranaki)

Kupe production was 5.9 PJe (3.0 PJe Origin share), a decline of 30% over the previous Quarter due to a planned 25 day inspection and maintenance shutdown at the Kupe plant, which was completed on schedule on 8 November 2012. Two tanker liftings of Kupe light crude from Port Taranaki were completed during the Quarter.

Tariki/Ahuroa/Waihapa/Ngaere (TAWN) and Rimu/Kauri/Manutahi

Total onshore production was in line with the September Quarter at 0.3 PJe.

The hot water injection and production facilities to support oil production from the Manutahi pilot were mechanically completed in December and commissioning of these facilities will be undertaken in the forthcoming Quarter.

Processing of the 30 km² 3D Manutahi Seismic Survey was completed during the Quarter and interpretation of the data set has commenced.

2.9 Northland Basin (New Zealand)

Evaluation of the reprocessed Nimitz 3D seismic data in PEP38619 and other studies were completed during the Quarter. Potential resource estimates and risking are being updated for the Kokako prospect based on the interpretation and mapping of the Nimitz 3D Pre Stack Depth Migration in PEP 38619.

2.10 Canterbury Basin (New Zealand)

A drillship has been contracted to drill the Caravel-1 well which is planned for FY2014.

2.11 Lamu Basin (Kenya)

Analysis of the results from the Mbawa-1 well and interpretation of the Nanna 3D seismic survey continues.

In November, the Kenyan government approved an amendment to the L8 Production Sharing Contract (PSC) which gives the joint venture the option of extending the duration of the PSC until 21 January 2015 subject to a commitment to drill another well.

2.12 Song Hong Basin (Vietnam)

An application to extend the exploration phase of Block 121 for a further 12 months to 24 December 2013 was approved by the Vietnam regulator. Rig contracting activities progressed during the Quarter and are nearing completion with drilling expected to commence in March 2013.

2.13 Khorat Basin (Thailand)

No significant activity occurred during this Quarter.

2.14 Botswana

Drilling has commenced on two of the nine CSG core holes planned as part of the exploration program in PLs 134, 135 and 136.

3. ACQUISITIONS/DIVESTMENTS

During the Quarter:

- **TAWN (NZ Onshore) Asset Sale**

The execution of the divestment of Origin's interest in the TAWN fields in New Zealand's Taranaki region and the Waihapa production station is progressing with New Zealand Energy Corp.

- **Vietnam Farm-in Agreements**

The farmin with Pan Pacific Petroleum Vietnam (121) Pty Ltd for a 15% participating interest received approval from the Vietnamese Government in July 2012. Completion of this farmin is subject to satisfaction of a condition precedent. The farmin with Premier Oil Vietnam 121 Limited for a 40% interest is still subject to Vietnamese Government approval and satisfaction of a condition precedent.

- **Perth Basin**

The farmin agreement for EP368 and EP426 was terminated due to the conditions precedent relating to government approval not being met.

4. DRILLING ACTIVITY

4.1 Exploration/Appraisal

The table below summarises the exploration and appraisal drilling in which Origin had an interest during the Quarter:

Exploration/Appraisal Wells	Basin/Area	Target	Origin effective Interest %	Well Status
Cudgel 1	Cooper Basin	Gas Conv	13.19	P&A
Paspa 1	Cooper Basin	Gas Conv	13.19	P&A
Gaschnitz1 ST1	Cooper Basin	Gas Conv	13.19	Drilling Ahead
Roswell 1 Vt	Cooper Basin	Gas Uncv	13.19	Drilling Ahead
Argyle 105	Surat Basin	CSG	11.72	Prod
Basalt Creek East 1	Bowen Basin	CSG	8.97	Pilot
Bungawarra East 1	Bowen Basin	CSG	8.97	Pilot
Bungawarra South 1	Bowen Basin	CSG	8.97	Core
Celeste 14	Surat Basin	CSG	11.72	Prod
Clunie 11	Surat Basin	CSG	11.72	Pilot
Clunie 12	Surat Basin	CSG	11.72	Pilot
Clunie 13M	Surat Basin	CSG	11.72	Prod
Condabri 140	Surat Basin	CSG	37.50*	Core
Condabri 21	Surat Basin	CSG	37.50*	Core
Jen 14	Surat Basin	CSG	11.72	Prod
Jordan 4	Surat Basin	CSG	11.72	Prod
Jordan 6	Surat Basin	CSG	11.72	Prod
Matilda John 118	Surat Basin	CSG	15.23	Pilot
Matilda John 128	Surat Basin	CSG	15.23	Pilot
Matilda John 130	Surat Basin	CSG	15.23	Pilot
Matilda John 139	Surat Basin	CSG	15.23	Pilot
Mira3	Denison Trough	CSG	11.25	Pilot
Mount Sunlight 1	Bowen Basin	CSG	10.99	Core
Poppy 126	Surat Basin	CSG	11.72	Prod
Sean 15M	Surat Basin	CSG	11.72	Core
Wangalee 1	Bowen Basin	CSG	8.94	Pilot

* Denotes Origin Operatorship

4.2 Development

The table below summarises the development drilling in which Origin had an interest during the Quarter. Origin participated in 194 CSG development wells across the Bowen and Surat Basins and seven conventional gas development wells in the Cooper Basin during the Quarter.

Basin / Area Development Wells	Origin Effective Interest %	Well Status
Cooper Basin - SA		
<i>Target - Gas</i>		
Waukatanna 5	13.19	C&S
Moolion 6	10.54	C&S
Waukatanna 3	13.19	C&S
Moolion 05	10.54	C&S
Cooba 04	13.19	C&S
Baryulah 15	16.738	C&S
Baryulah 16	16.738	C&S
Surat Basin		
<i>Target - CSG</i>		
Combabula 373	34.77*	Production
Combabula 394	34.77*	Production
Combabula 395	34.77*	Production
Combabula 416	34.77*	Production
Combabula 417	34.77*	Production
Condabri 107	37.50*	Production
Condabri 110	37.50*	Production
Condabri 111	37.50*	Production
Condabri 112	37.50*	Production
Condabri 116	37.50*	Production
Condabri 117	37.50*	Production
Condabri 118	37.50*	Production
Condabri 119	37.50*	Production
Condabri 120	37.50*	Production
Condabri 121	37.50*	Production
Condabri 122	37.50*	Production
Condabri 123	37.50*	Production
Condabri 124	37.50*	Production
Condabri 125	37.50*	Production
Condabri 126	37.50*	Production
Condabri 127	37.50*	Production
Condabri 128	37.50*	Production
Condabri 129	37.50*	Production
Condabri 130	37.50*	Production
Condabri 131	37.50*	Production
Condabri 132	37.50*	Production
Condabri 133	37.50*	Production
Condabri 51	37.50*	Production
Condabri 52	37.50*	Production
Condabri 53	37.50*	Production
Condabri 95	37.50*	Production
Condabri 97	37.50*	Production
Condabri 99	37.50*	Production
Condabri INJ4-H	37.50*	Re-injection Trial
Condabri MB10-W	37.50*	Groundwater monitoring
Condabri North 1	37.50*	Production
Condabri North 10	37.50*	Production
Condabri North 11	37.50*	Production
Condabri North 12	37.50*	Production
Condabri North 13	37.50*	Production
Condabri North 14	37.50*	Production
Condabri North 16	37.50*	Production
Condabri North 18	37.50*	Production
Condabri North 2	37.50*	Production

Basin / Area Development Wells	Origin Effective Interest %	Well Status
Condabri North 20	37.50*	Production
Condabri North 21	37.50*	Production
Condabri North 22	37.50*	Production
Condabri North 23	37.50*	Production
Condabri North 27	37.50*	Production
Condabri North 29	37.50*	Production
Condabri North 3	37.50*	Production
Condabri North 31	37.50*	Production
Condabri North 35	37.50*	Production
Condabri North 4	37.50*	Production
Condabri North 42	37.50*	Production
Condabri North 43	37.50*	Production
Condabri North 5	37.50*	Production
Condabri North 59	37.50*	Production
Condabri North 6	37.50*	Production
Condabri North 60	37.50*	Production
Condabri North 61	37.50*	Production
Condabri North 62	37.50*	Production
Condabri North 63	37.50*	Production
Condabri North 64	37.50*	Production
Condabri North 65	37.50*	Production
Condabri North 66	37.50*	Production
Condabri North 67	37.50*	Production
Condabri North 68	37.50*	Production
Condabri North 69	37.50*	Production
Condabri North 7	37.50*	Production
Condabri North 70	37.50*	Production
Condabri North 71	37.50*	Production
Condabri North 72	37.50*	Production
Condabri North 73	37.50*	Production
Condabri North 74	37.50*	Production
Condabri North 75	37.50*	Production
Condabri North 77	37.50*	Production
Condabri North 78	37.50*	Production
Condabri North 9	37.50*	Production
David 134	11.72	Production
David 135	11.72	Production
David 137	11.72	Production
David 147	11.72	Production
David 150	11.72	Production
David 189	11.72	Production
David 191	11.72	Production
David 192	11.72	Production
David 199	11.72	Production
David 200	11.72	Production
David 201	11.72	Production
David 202	11.72	Production
David 211	11.72	Production
David 212	11.72	Production
David 220	11.72	Production
David 221	11.72	Production
David 223	11.72	Production
Glendower 103	11.72	Production
Glendower 105	11.72	Production
Glendower 112	11.72	Production
Glendower 115	11.72	Production
Glendower 122	11.72	Production
Harry 140	11.72	Production

Basin / Area Development Wells	Origin Effective Interest %	Well Status
Harry 141	11.72	Production
Harry 156	11.72	Production
Harry 157	11.72	Production
Isabella 101	11.72	Production
Isabella 102	11.72	Production
Isabella 103	11.72	Production
Isabella 104	11.72	Production
Isabella 105	11.72	Production
Isabella 106	11.72	Production
Isabella 107	11.72	Production
Isabella 108	11.72	Production
Isabella 109	11.72	Production
Isabella 110	11.72	Production
Isabella 112	11.72	Production
Isabella 113	11.72	Production
Isabella 114	11.72	Production
Isabella 115	11.72	Production
Isabella 116	11.72	Production
Isabella 117	11.72	Production
Isabella 120	11.72	Production
Isabella 121	11.72	Production
Isabella 122	11.72	Production
Isabella 123	11.72	Production
Isabella 124	11.72	Production
Isabella 125	11.72	Production
Isabella 126	11.72	Production
Isabella 127	11.72	Production
Isabella 128	11.72	Production
Isabella 134	11.72	Production
Isabella 137	11.72	Production
Isabella 199	11.72	Production
Isabella 208	11.72	Production
Isabella 209	11.72	Production
Isabella 210	11.72	Production
Isabella 221	11.72	Production
Kenya 151	15.23	Production
Kenya East GW7	11.72	Groundwater monitoring
Lauren 187	15.23	Production
RubyJo GW2	11.72	Groundwater monitoring
RubyJo GW3	11.72	Groundwater monitoring
RubyJo GW4	11.72	Groundwater monitoring
RubyJo GW5	11.72	Groundwater monitoring
RubyJo 110	11.72	Production
RubyJo 111	11.72	Production
RubyJo 112	11.72	Production
RubyJo 113	11.72	Production

Basin / Area Development Wells	Origin Effective Interest %	Well Status
RubyJo 121	11.72	Production
RubyJo 122	11.72	Production
RubyJo 123	11.72	Production
RubyJo 124	11.72	Production
RubyJo 125	11.72	Production
RubyJo 130	11.72	Production
RubyJo 131	11.72	Production
RubyJo 132	11.72	Production
RubyJo 133	11.72	Production
RubyJo 134	11.72	Production
RubyJo 136	11.72	Production
RubyJo 140	11.72	Production
RubyJo 141	11.72	Production
RubyJo 150	11.72	Production
RubyJo 153	11.72	Production
RubyJo 154	11.72	Production
RubyJo 161	11.72	Production
RubyJo 163	11.72	Production
RubyJo 170	11.72	Production
RubyJo 192	11.72	Production
RubyJo 193	11.72	Production
RubyJo 203	11.72	Production
RubyJo 221	11.72	Production
RubyJo 222	11.72	Production
Bowen Basin		
<i>Target - CSG</i>		
Durham Ranch 117	35.40*	Production
Durham Ranch 130	35.40*	Production
Durham Ranch 153	35.40*	Production
Durham Ranch 262	35.40*	Production
Durham Ranch 263	35.40*	Production
Durham Ranch 72	35.40*	Production
Fairview 11-02-1	8.97	Production
Fairview 11-02-2	8.97	Production
Fairview 11-40-2	8.97	Production
Fairview 12-05-2	8.97	Production
Fairview 12-11-1	8.97	Production
Fairview 12-14-1	8.97	Production
Fairview 12-14-2	8.97	Production
Fairview 12-24-1	8.97	Production
Fairview 12-24-2	8.97	Production
Fairview 12-24-3	8.97	Production
Fairview 12-25-1	8.97	Production
Fairview 12-25-2	8.97	Production
Fairview 12-25-3	8.97	Production
Fairview 18-06-1	8.97	Production
Fairview 18-06-2	8.97	Production
Fairview 18-06-3	8.97	Production

Notes:

The well count reflects wells spudded in the period and not wells re-entered

* Denotes Origin Operatorship

5. EXPLORATION, EVALUATION AND CAPITAL EXPENDITURE

The tables below include total expenditure on exploration and evaluation activities and capital expenditure on development and production activities. They include capitalised interest and exclude expenditure on acquisitions. Expenditure in the current financial year is preliminary and is subject to audit review. Note: Numbers may not add due to rounding.

Australian Operations

	December				
A\$m	This Quarter	Previous Quarter	Quarter 2011	YTD 2012/13	YTD 2011/12
Exploration / Evaluation	4	12	34	16	65
Development / PP&E	135	132	71	267	119
Total	139	144	105	283	183

New Zealand Operations

	December				
NZ\$m	This Quarter	Previous Quarter	Quarter 2011	YTD 2012/13	YTD 2011/12
Exploration / Evaluation	0	1	1	2	2
Development / PP&E	7	2	3	9	12
Total	8	4	4	11	14

International Operations

	December				
A\$m	This Quarter	Previous Quarter	Quarter 2011	YTD 2012/13	YTD 2011/12
Exploration / Evaluation	(2)	19	10	17	14
Development / PP&E	-	-	-	-	-
Total	(2)	19	10	17	14

Total

(excluding APLNG)

	December				
A\$m	This Quarter	Previous Quarter	Quarter 2011	YTD 2012/13	YTD 2011/12
Exploration / Evaluation	3	32	44	35	81
Development / PP&E	141	134	73	275	128
Total	144	166	118	310	209

Australia Pacific LNG

Origin is required to contribute cash to Australia Pacific LNG (in proportion to its equity holding) where Australia Pacific LNG has insufficient cash from other sources to fund its activities. Origin began making cash contributions in the December Quarter 2011.

Origin's contribution to APLNG

	December				
A\$m	This Quarter	Previous Quarter	Quarter 2011	YTD 2012/13	YTD 2011/12
Contribution	0	119 ¹	173	119	173

¹ Contribution based on Origin's shareholding in APLNG of 42.5%

6. ORIGIN'S INTERESTS

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

Basin/Project Area	Interest		Basin/Project Area	Interest		Basin/Project Area	Interest	
AUSTRALIA			AUSTRALIA			AUSTRALIA		
COOPER BASIN (South Australia)			Spring Gully			Bass Basin (Tasmania)		
Patchawarra East Block PPLs	10.54%		ATP 592P and PLs 195, 203, 268(A), 414(A), 415(A), 416(A), 417(A), 418(A) and 419(A)	35.44%	* ¹	T/L1	42.50%	*
SA Unit PPLs	13.19%		PL 204	37.40%	* ¹	T/18P	39.00%	*
Reg Sprigg West Unit (PPL 194/PPL 211)	7.90%		PL 200	35.89%	* ¹	T/44P	60.00%	*
COOPER BASIN (Queensland)			Talinga/ Orana			PERTH BASIN (Western Australia)		
SWQ Unit Subleases	16.74%		ATP 692P, PLs 209, 215, 216(A), 225(A), 226, 272(A), 289(A), 445(A) and 481(A)	37.50%	* ¹	EP320 and L11	67.00%	*
Aquitaine A * B Blocks of ATP 259P and associated PLS	25.00%		Kenya/ Argyle/Lauren/Bellevue			L 14	49.19%	* ⁴
Aquitaine C Block of ATP 259P and associated PLS	27.00%		ATP 620P Shallows and PLs 179, 180, 228, 229 and 263	15.23%	¹	L1/L2 (Excluding Dongara, Mondarra and Yardarino)	50.00%	
Wareena Block of ATP 259P and associated PLS	10.00%		PL 247 and ATP 610P Shallows	11.02%	¹	BONAPARTE BASIN (Western Australia)		
GALILEE BASIN (Queensland)			ATP 648P Shallows, PLs 257, 273, 274, 275, 278, 279, 442, 466 and 475	11.72%	¹	NT/RL1 and WA6R	5.00%	
ATP 666P	37.50%	* ¹	Peat			NEW ZEALAND		
ATP 667P	37.50%	* ¹	PL 101	37.50%	* ¹	TARANAKI BASIN		
ATP 668P	37.50%	* ¹	Other Bowen Basin			PML 38146	50.00%	*
SURAT BASIN (Queensland)			ATP 804P	10.99%	¹	PMP 38151	100.00%	*
PL 14	100.00%	*	ATPs 653P and 745P and PLs 420(A), 421(A) and 440(A)	8.94%	¹	PMP 38155	100.00%	*
PLs 56 and 74	69.00%	*	PLs 219 and 220	37.50%	* ¹	PML 38138	100.00%	* ²
PL 30	75.00%	*	Other Surat Basin			PML 38139	100.00%	* ²
PLs 21, 22, 27 and 64	87.50%	*	ATP 606P and PLs 297, 404, 408, 403(A), 405(A), 406(A), 407(A), 412(A), 413(A) and 444(A)	34.77%	* ¹	PML 38140	100.00%	* ²
PLs 53, 174 and 227	100.00%	*	ATP 631P, PLs 281(A) and 282(A)	6.79%	¹	PML 38141	100.00%	* ²
ATP 470P Redcap	90.00%	*	ATP 663P and PLs 434(A), 435(A), 436(A), 437(A), 438(A) and 439(A)	37.50%	* ¹	NORTH TARANAKI BASIN		
PL 264	90.00%	*	ATPs 702P and 973P, and PLs 265, 266(A) and 267	37.50%	* ¹	PEP 38619	100.00%	*
ATP 470P Formosa Downs	42.72%	*	ATP 972P, and PLs 469(A), 470(A) and 471(A)	34.77%	* ¹	CANTERBURY BASIN		
PL 71 (Exploration)	72.00%	*	ATP 788P (Shallows)	100.00%	*	PEP 38264	50.00%	
PL 71 (Production)	90.00%	*	ONSHORE OTWAY BASIN			KENYA		
PL 70	100.00%	*	Victoria			LAMU BASIN		
ATP 471P Weribone Pooling Area	50.64%	*	PPLs 6,9 and PRL1	90.00%	*	L8	20.00%	
ATP 336P and PLs 10W, 11W, 12W, 28, 69 and 89	46.25%		PPLs 4, 5, 7, 10 and 12	100.00%	*	VIETNAM		
PL 11 Snake Creek East 1 Exclusion Zone	25.00%		PPL 2 Ex (Iona Exclusion)	100.00%	*	SONG HONG BASIN		
ATP 647P (Block 2656 only)	50.00%	*	PPL 8	100.00%	*	Block 121	85.00%	* ³
ATP 754P	50.00%	*	OFFSHORE OTWAY BASIN			THAILAND		
ATP 788P Deepes	25.00%	*	Victoria			KHORAT PLATEAU		
ATP 471P Bainbilla	24.75%		Vic/P42 (V)	100.00%	*	L15/50 and L26/50	40.00%	
DENISON TROUGH (Queensland)			Vic/P43	67.23%	*	BOTSWANA		
PLs 41, 42, 43, 44, 45, 54, 67, 173, 183 and 218	18.75%	* ¹	Vic/L23	67.23%	*	PL134/2010, PL135/2010, PL136/2010	50.00%	
ATP 337P (Denison Trough) - Production	18.75%	* ¹	Vic/RL2(V)	100.00%	*	Notes:		
ATP 337P (Denison Trough) - Exploration, PLs 449(A), 450(A), 451(A), 454(A) and 457(A)	18.75%	¹	Tasmania			* Operatorship		
ATP 337P Mahalo and PL448(A)	11.25%	¹	T/L2, T/L3 and T/30P	67.23%	*	¹ Interest held through 37.5% ownership of Australia Pacific LNG Pty Ltd Joint Venture		
ATP 553P	18.75%	¹	T/34P	82.30%	*	² TAWN assets subject to Sale Agreement, negotiations continuing with New Zealand Energy Corp.		
CSG (Queensland)						³ Subject to farmin agreement		
Fairview						⁴ L14 interest subject to sale agreement, pending satisfaction of sale conditions		
ATP 526P and PLs 90, 91, 92, 99, 100, 232, 233, 234, 235 and 236	8.97%	¹						

7. CONVERSION FACTORS AND ABBREVIATIONS

7.1 Conversion Factors

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

7.2 Abbreviations

APLNG	Australia Pacific LNG – an incorporated Joint Venture between Origin, ConocoPhillips and Sinopec
barrels	an international measure of oil production. 1 barrel = 159 litres
Bopd	barrels of oil per day
BTEX	benzene, toluene, ethylbenzene, xylene
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
DERM	Department of Environmental and Resource Management
EA	environmental authority
FEED	front end engineering & design
FID	final investment decision
GJ	gigajoule = 10^9 joules
joule	a measure of energy
Kbbbls	Kilo barrels = 1,000 barrels
Ktonnes	Kilo tonnes = 1,000 tonnes
LNG	liquefied natural gas
LPG	liquid petroleum gas
MDRT	measured depth from rotary table
mmscfd	million standard cubic feet per day
mtpa	million tonnes per annum
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
Pigging	pipeline examination and maintenance
QGC	Queensland Gas Company
Spudding	to commence drilling a well
SWQ	South West Queensland
TD	total depth
TJ	terajoule = 10^{12} joules
TJ/d	terajoules per day
TVDSS	Total Vertical Depth Subsea
Water Inj	water injection well