



## Report for the Quarter ended 30 September 2007, covering the Exploration and Production businesses of Origin Energy Limited

Origin Energy Limited (Origin) hereby submits this Quarterly report to the Australian Stock Exchange which covers the activities of wholly owned subsidiaries Origin Energy Resources Limited and Origin Energy CSG Limited in the areas of gas and oil exploration and production. Unless otherwise specifically stated the report does not cover operations outside of these subsidiaries, and specifically does not cover activities relating to electricity generation, energy retailing or asset management in other areas of the business.

Significant events and influences during the Quarter included:

- **Quarterly production and sales:** Sales revenue of \$129.6 million was a new record, 6% higher than the previous Quarter and 11% higher than the comparable Quarter in 2006. Total production was 9% higher at 24.2 PJe compared with the previous Quarter, largely driven by coal seam gas (CSG) production which was up from 6.1 PJ to 7.6 PJ. However oil production was 22% lower at 254 kbbls.
- **Spring Gully Project:** The Strathblane gas plant was commissioned during the Quarter and CSG production for the Spring Gully project reached 68 TJ/d. The next phase of development is progressing and will eventually increase field deliverability and gas plant capacity to 150 TJ/d.
- **Kupe Gas Project:** The Ensco 107 drilling rig has arrived in New Zealand. The rig will be used over the coming months to install the Kupe jacket and topsides and drill the development wells. The reel barge "Apache" is due in New Zealand in January 2008 to undertake pipelay operations. Earth works at the production station are essentially completed and civil works have been progressed. The project remains on schedule for commercial gas in the first half of 2009.
- **Otway Gas Project:** Production at the onshore gas plant commenced on 16 September 2007 and 198 TJ of gas were produced. The plant has been shut-in since 24 September as the project works through start-up issues, including a leak in the monoethylene glycol pipeline. Steady-state production is anticipated by January 2008.
- **BassGas Project:** Plant performance was generally stable over the period averaging approximately 56 TJ/d.
- **Perth Basin drilling activities:** The Wagina sandstone in the Beharra Springs 4 well was drilled underbalanced using a coiled tubing unit. A flow test achieved a stabilised rate of approximately 35 mmscfd.
- **CSG drilling activities:** Origin participated in a total of 30 CSG wells in Fairview (8 development), Spring Gully (4 development) and Argyle (4 development), at Codie/Lauren (ATP 602P) (10 pilots) and in PL 100/ATP 754P (4 exploration). Twenty five wells were production holes, one a water injector and the exploration wells were cored slimholes.
- **Cooper Basin drilling activities:** Origin participated in 19 wells (5 development and 14 exploration/appraisal wells) in a program which continues to have a strong focus on oil. Fifteen wells were successful; 10 oil, 4 gas and 1 oil/gas.

## 1. PRODUCTION SALES AND EXPENDITURE

Origin's share of production and energy sales during the Quarter is summarised as follows:

### 1.1 Production by Area (and Total Sales and Revenue)

Natural Gas and Ethane	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
<b>Natural Gas</b>	<b>PJe</b>						
SA Cooper & SWQ		5.9	5.5	7	6.4	5.9	6.4
Bass Basin		2.2	2.1	5	1.2	2.2	1.2
Otway Basin		0.3	0.3	0	0.8	0.3	0.8
Perth Basin		1.2	0.9	33	1.1	1.2	1.1
Coal Seam Gas		7.6	6.1	25	5.3	7.6	5.3
Surat / Denison		3.2	3.1	3	3.2	3.2	3.2
<b>Ethane</b>	<b>PJe</b>						
SA Cooper & SWQ		0.3	0.3	0	0.5	0.3	0.5
<b>Total Production</b>		<b>20.7</b>	<b>18.3</b>	<b>13</b>	<b>18.5</b>	<b>20.7</b>	<b>18.5</b>
<b>Total Sales Volume</b>		<b>20.8</b>	<b>19.6</b>	<b>6</b>	<b>19.9</b>	<b>20.8</b>	<b>19.9</b>
<b>Total Revenue</b>	<b>\$M</b>	<b>70.6</b>	<b>65.9</b>	<b>7</b>	<b>68.6</b>	<b>70.6</b>	<b>68.6</b>

Crude Oil	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
<b>Crude Oil</b>	<b>kbbls</b>						
SA Cooper & SWQ		64.9	75.1	(14)	81.3	64.9	81.3
Surat / Denison		8.3	13.7	(39)	5.6	8.3	5.6
Perth Basin		180.5	238.1	(24)	202.3	180.5	202.3
<b>Total Production</b>		<b>253.7</b>	<b>326.9</b>	<b>(22)</b>	<b>289.2</b>	<b>253.7</b>	<b>289.2</b>
<b>Total Sales Volume</b>		<b>333.7</b>	<b>370.2</b>	<b>(10)</b>	<b>374.2</b>	<b>333.7</b>	<b>374.2</b>
<b>Total Revenue</b>	<b>\$M</b>	<b>27.6</b>	<b>29.1</b>	<b>(5)</b>	<b>28.6</b>	<b>27.6</b>	<b>28.6</b>

Condensate/Naphtha	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
<b>Condensate/naphtha</b>	<b>kbbls</b>						
SA Cooper & SWQ		89.0	89.6	(1)	103.3	89.0	103.3
Bass Basin		94.1	97.2	(3)	62.5	94.1	62.5
Otway Basin		2.1	2.8	(25)	3.2	2.1	3.2
Perth Basin		2.5	1.8	39	2.7	2.5	2.7
Surat / Denison		16.3	16.7	(2)	15.5	16.3	15.5
<b>Total Production</b>		<b>204.0</b>	<b>208.1</b>	<b>(2)</b>	<b>187.2</b>	<b>204.0</b>	<b>187.2</b>
<b>Total Sales Volume</b>		<b>202.3</b>	<b>207.4</b>	<b>(2)</b>	<b>143.6</b>	<b>202.3</b>	<b>143.6</b>
<b>Total Revenue</b>	<b>\$M</b>	<b>15.4</b>	<b>15.6</b>	<b>(1)</b>	<b>11.4</b>	<b>15.4</b>	<b>11.4</b>

LPG	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
LPG	Ktonnes						
SA Cooper & SWQ		10.4	9.4	11	12.2	10.4	12.2
Bass Basin		6.6	6.3	5	2.0	6.6	2.0
Surat / Denison		2.5	2.6	(4)	2.5	2.5	2.5
<b>Total Production</b>		<b>19.5</b>	<b>18.3</b>	<b>7</b>	<b>16.7</b>	<b>19.5</b>	<b>16.7</b>
<b>Total Sales Volume</b>		<b>22.4</b>	<b>16.0</b>	<b>40</b>	<b>11.7</b>	<b>22.4</b>	<b>11.7</b>
<b>Total Revenue</b>	<b>\$M</b>	<b>16.0</b>	<b>11.7</b>	<b>37</b>	<b>8.7</b>	<b>16.0</b>	<b>8.7</b>

Total All Products	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
Production (all products)	PJe	24.2	22.3	9	22.0	24.2	22.0
Sales (all products)	PJe	24.9	23.7	5	23.4	24.9	23.4
<b>Total Revenue</b>	<b>\$M</b>	<b>129.6</b>	<b>122.3</b>	<b>6</b>	<b>117.2</b>	<b>129.6</b>	<b>117.2</b>

Internal & External Sales Volumes	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
Total Sales Volume	PJe						
Internal		7.3	9.5	(23)	10.2	7.3	10.2
External		17.6	14.2	24	13.2	17.6	13.2
<b>Total</b>		<b>24.9</b>	<b>23.7</b>	<b>5</b>	<b>23.4</b>	<b>24.9</b>	<b>23.4</b>

Product Purchases included in above sales	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD
<b>Total</b>	<b>PJe</b>	<b>0.9</b>	<b>0.5</b>	<b>80</b>	<b>1.9</b>	<b>0.8</b>	<b>1.9</b>

Production by Basin (All products, PJe)	Unit	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
Production by Basin	PJe						
SA Cooper & SWQ		7.6	7.2	6	8.6	7.6	8.6
Bass Basin		3.0	3.0	0	1.6	3.0	1.6
Otway Basin		0.3	0.3	0	0.8	0.3	0.8
Perth Basin		2.3	2.3	0	2.3	2.3	2.3
Coal Seam Gas		7.6	6.1	25	5.3	7.6	5.3
Surat/Denison		3.4	3.4	0	3.4	3.4	3.4
<b>Total</b>		<b>24.2</b>	<b>22.3</b>	<b>9</b>	<b>22.0</b>	<b>24.2</b>	<b>22.0</b>

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

## 1.2 Production/Sales Summary

Sales revenue of \$129.6 million was a new record for a Quarter, 6% higher than the June 2007 Quarter and 11% higher than the comparable period last year. Sales volumes increased 5% and 6% respectively. The increased revenues reflected higher product prices with the increased oil price particularly significant in partially offsetting lower (by 10%) oil sales.

Production volumes increased by 9% to 24.2 PJe compared with the June 2007 Quarter and by 10% compared with the September 2006 Quarter.

Gas production increased by 13% mainly due to a 25% increase in CSG production to 7.6 PJ. Oil production fell by 22% to 254 kbbls due to declining production in the onshore Perth Basin, and oil transportation constraints in the Cooper Basin.

The offshore Otway Gas Project commenced commissioning in September 2007 and made a minor contribution to production and sales in the Quarter.

## 2. DEVELOPMENT

### 2.1 Cooper/Eromanga Basin (South Australia/Queensland)

A leak identified in the Moonie to Brisbane oil pipeline resulted in the temporary shut-in of the Yanda oil field until alternative transport arrangements could be made. Approximately 3,600 barrels of oil production was deferred as a result. Production of high pour-point oil from certain wells in the South Australian sector of the Cooper Basin resulted in a wax blockage in a pipeline, necessitating the shut-in of these wells.

Five development wells (4 gas, 1 oil) were drilled during the Quarter. All wells were cased and suspended for future production.

### 2.2 Onshore Otway Basin (South Australia)

No significant activity during the Quarter.

### 2.3 Surat Basin (Queensland)

Two appraisal/development wells in the Emu Apple oil field are programmed to be drilled during the next Quarter.

### 2.4 Denison Trough (Queensland)

No significant activity during the Quarter.

### 2.5 Coal Seam Gas (Queensland)

#### 2.5.1 *Spring Gully*

The Spring Gully gas plant achieved peak gas sales of 68 TJ/d during the Quarter.

Work continued on Phase 4 of the Spring Gully Project which will address additional field deliverability and gas plant expansion (to 85 TJ/d) to meet firm contractual commitments to QAL, the Braemar power project and Incitec Pivot. The Strathblane gas plant was commissioned during the Quarter. Ten wells drilled prior to this Quarter were completed and connected.

Work also continued on Phase 5 which is designed to increase field deliverability and gas plant capacity to 150 TJ/d. Drilling recommenced during the Quarter with four development wells drilled of the planned sixty development well campaign. Construction continued on a reverse osmosis unit designed to treat 9 mega litres of water per day.

#### 2.5.2 *Fairview*

Seven development wells were drilled in the Fairview field along with the sidetrack

and cavitation of Fairview 11 as part of an ongoing program designed to underwrite future production and reserves growth.

### 2.5.3 *Peat*

The Peat 40 well was completed during the Quarter. The Peat 41 and 44 wells are expected to be completed and connected during the next Quarter.

### 2.5.4 *Talinga/Orana*

Construction of a gas compression plant, surface facilities and field gathering systems to capture gas from the production pilots continued during the Quarter.

### 2.5.5 *Argyle/Kenya/Bellevue*

Four development wells were drilled in the Argyle field as part of an on-going development drilling program designed to increase the production from PL 179. The wells are designed to access the Juandah and Taroom Coal Measures for immediate production.

## 2.6 Onshore Perth Basin (Western Australia)

### 2.6.1 *Beharra Springs*

Gas production averaged 11.9 TJ/d during the Quarter. A gradual decline of Tarantula gas production occurred throughout the Quarter. A project is underway to tie in the Beharra Springs 4 well into the gas processing system, expected to be complete in the March Quarter, 2008.

### 2.6.2 *Hovea/Eremia/Xyris*

Average gross oil sales for the Quarter through the Hovea production facility was approximately 2,410 bopd.

Gas production from the Xyris plant averaged 9.0 TJ/d during the Quarter.

### 2.6.3 *Jingemia*

Gross production during the Quarter from the Jingemia production facility averaged 1596 bopd mainly from Jingemia 10, Jingemia 8 and Jingemia 4. A Jingemia 11 workover performed in August to repair a poor cement job was unsuccessful and this, together with natural decline, has impacted on field performance.

## 2.7 Offshore Otway Basin (Victoria/Tasmania)

Production at the onshore gas plant of the Otway Gas Project commenced on 16 September 2007 and 198 TJ of gas was produced (Origin share 61 TJ). The plant has however been shut-in since 24 September as the project works through start-up issues, including a leak in the monoethylene glycol pipeline. Steady-state production is anticipated by January 2008.

## 2.8 Bass Basin (Tasmania)

Plant performance was generally stable over the Quarter with production averaging approximately 56 TJ/d. Operational issues with gas compression/power generation

were resolved during the Quarter. The Yolla 3 well has been shut-in since mid August due to hydraulic control line issues, resulting in constraints on maximum gas and liquids production. Plans and actions are underway to investigate and remediate the issues, targeting to return the well to production in the December Quarter.

## 2.9 Taranaki Basin (New Zealand)

The Ensco 107 drilling rig arrived in New Zealand on 7 October and is currently in Admiralty Bay awaiting calmer weather to allow it to be mobilized to the Kupe location. Once on location, it will first install the Kupe jacket and possibly the topsides before commencing the drilling of the development wells.

The well head platform jacket arrived in New Plymouth in August and is ready for installation. Fabrication of the topsides remains on track to be completed in late October 2007 and it will then be transported to New Zealand. The spoolbase at Picton has commenced welding of the offshore pipeline on schedule and fabrication of the power, utilities and control umbilical in USA is also progressing satisfactorily.

The pipeline has now also been threaded through the HDD tunnels from the cliff tops at the production station site and is now also ready for the pipe-lay operation early next year.

Earth works at the production station are essentially complete and civil work is now well underway with many of the main foundations poured. The construction warehouse has been erected and piperack module fabrication has commenced off site. The production station and the project as a whole remain on schedule for commercial gas in the first half of 2009.

## 3. EXPLORATION

### 3.1 Cooper/Eromanga Basin (South Australia/Queensland)

Origin participated in the drilling of twelve South Australian Block oil delineation wells and two Unit gas delineation wells during the Quarter.

Five oil delineation wells were drilled to complete the McKinlay field campaign. Four wells were cased and suspended as future oil producers and one well plugged and abandoned. Calvin 1 and Granchio 1 are new basal Birkhead oil pool discoveries. McKinlay 6 appraisal well has proved a structural extension of the McKinlay oil pool in the field.

Five wells were drilled in the Murteree Horst oil campaign. Two appraisal wells were cased and suspended and three oil near-field exploration wells were plugged and abandoned.

The Mudlalee 4 near field oil exploration well was cased and suspended as a future Hutton producer.

The Big Lake 86 appraisal well which was drilled to further delineate the McKinlay/Namur oil pool in a southern extension of the Big Lake oil field was cased and suspended as a future oil producer.

The Tindilpie field gas (Unit) delineation drilling was completed with one of two wells cased and suspended as a future Permian gas producer. The other was plugged and abandoned.

### **3.2 Onshore Otway Basin (South Australia/Queensland)**

No significant activity during the Quarter.

### **3.3 Surat Basin (Queensland)**

A Showgrounds Sandstone oil opportunity, Mahogany 1, in ATP 336P and a Boxvale Sandstone opportunity, Riverslea Southeast 1, in PL 30 are scheduled for drilling in next Quarter.

### **3.4 Denison Trough (Queensland)**

No significant activity during the Quarter.

### **3.5 Coal Seam Gas (Queensland)**

#### ***3.5.1 Surat Basin***

Production testing of the Bellevue Pilot in ATP 610P has continued during the Quarter.

Five spot pattern wells were drilled at each of the Codie and Lauren locations in ATP 620P. The wells were drilled to add geological information for a reserves certification process. The wells are designed to investigate the Juandah and Taroom Coal Measures in this area and will be completed for production testing.

#### ***3.5.2 Bowen Basin***

The Strathblane 1 exploration well and Fairview 240 appraisal well, both located PL 100, and Glen Idol 1 and Katrina 1, located in ATP 754P, were cored and permeability tested.

### **3.6 Onshore Perth Basin (Western Australia)**

The Apium 2 gas appraisal well, commenced in L1 in the previous Quarter as a sidetrack from Apium 1, was cased and completed in the Dongara Sandstone. The well was subsequently brought on line at a flow rate of 2.5 mmscfd.

Underbalanced drilling of the Beharra Springs 4 reservoir zone (Wagina sandstone) with nitrogen brine using a coiled tubing unit commenced on 29 September in L11. A flow test was conducted at 3,338 m. Initial results from the test indicate the well stabilized at a flow rate of approximately 35 mmscfd.

### **3.7 Offshore Otway Basin (Victoria/Tasmania)**

Interpretation of the Aragorn 3D seismic survey in T/30P and adjoining T/34P continued during the Quarter.

Planning is in progress for acquisition of the Year 3 seismic program in VIC/P43.

In VIC/P37(V) development feasibility studies in relation to the Halladale and Black Watch gas fields continued during the Quarter. The Victorian government granted a Location over the Halladale and Black Watch gas fields during September 2007.

Interpretation of the reprocessed seismic data over VIC/P41(V) to assess prospectivity of the permit is ongoing.

### **3.8 Bass Basin (Tasmania)**

Interpretation of the Shearwater 3D seismic survey acquired over the Trefoil discovery and adjacent exploration leads in T/18P is complete. Well locations for a potential drilling program are being considered and negotiations in regard to securing rig slots are in progress. Interpretation of the Shearwater 2D seismic survey and recently reprocessed lines is underway.

Planning is in progress for acquisition of the Year 1 seismic program in T/44P. Acquisition of the Silvereye 3D seismic survey is scheduled to commence in late 2007/early 2008.

### **3.9 Bonaparte Basin, Western Australia/Northern Territory NT/RL1, WA-6-R, Petrel**

Acquisition of a 940 sq km 3D seismic survey over the Petrel field commenced on 24 September, with approximately 241 sq km having been acquired by end of the Quarter.

### **3.10 Taranaki Basin (New Zealand)**

In PEP 38729, re-evaluation of Felix prospect using the 2006 transition zone seismic data has been completed.

In PEP 38485, the Joint Venture is preparing to drill the Moana 1 well using the semi-submersible rig, the Ocean Patriot. The well is designed to test a depth culmination of the Tangaroa sandstone, updip from the Tangaroa 1 well. The rig is expected to become available in mid-November 2007.

### **3.11 Offshore Northland Basin (New Zealand)**

Processing of the 433 sq km Nimitz 3D seismic survey acquired in PEP 38619 has been completed and interpretation has commenced.

Processing of the 1,904 km Pantheon 2D seismic survey acquired in PEP 38619 and the 1,224 km Akira 2D seismic survey acquired in PEP 38618 is nearing completion.

### **3.12 Offshore Canterbury Basin (New Zealand)**

Processing of the data from Caravel (917 km in PEP 38262) and Wherry (1,317 km in PEP 38264) 2D seismic surveys acquired in early 2007 was completed in September. Interpretation of these data has commenced.

Reprocessing of 1970's vintage seismic data will also be undertaken if the tapes are available and readable. Various geological and geophysical projects including basin modeling continued during the Quarter.

### **3.12 Offshore Lamu Basin (Kenya)**

Processing of the 2006 Lamu Marine Seismic Survey and reprocessing of existing 2003 vintage seismic data in Blocks L8 and L9 was completed in August and interpretation has commenced.

#### 4. DRILLING ACTIVITY

##### 4.1 Exploration/Appraisal

The table below summarises the exploration and appraisal drilling undertaken in the Quarter:

Well	Basin/Area	Target	Origin Interest %	Well Status
Big Lake 86	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Bronzewing 1	Cooper/Eromanga - SA	Oil	13.19	P&A
Calvin 1	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Granchio 1	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Hawkins 1	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Jena 22	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Jena 28	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
McKinlay 5	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
McKinlay 6	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Mudlalee 4	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Scatchy 1	Cooper/Eromanga - SA	Oil	13.19	P&A
Tindilpie 5	Cooper/Eromanga - SA	Gas	13.19	P&A
Tindilpie 6	Cooper/Eromanga - SA	Gas	13.19	C&S, Gas
Tonno 1	Cooper/Eromanga - SA	Oil	13.19	P&A
Beharra Springs 4	Perth Basin - WA	Gas	67.00	CTU drilling in progress
Apium 1	Perth Basin - WA	Gas	50.00	C&C
Fairview 240	Bowen Basin - Qld	CSG	23.93	Slimhole, CSG
Strathblane North 1	Bowen Basin - Qld	CSG	23.93	Slimhole, CSG
Katrina 1	Bowen Basin - Qld	CSG	23.85	Slimhole, CSG
Glen Idol 1	Bowen Basin - Qld	CSG	23.85	Slimhole, CSG
Codie 2	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Codie 3	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Codie 4	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Codie 5	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Codie 6	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Lauren 4	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Lauren 5	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Lauren 6	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Lauren 7	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production
Lauren 8	Surat Basin - Qld	CSG	40.625	Pilot, CSG Production

## 4.2 Development

The table below summarises the development drilling undertaken in the Quarter:

Well	Basin/Area	Target	Origin Interest %	Well Status
Alwyn 7	Cooper/Eromanga - SA	Oil	13.19	C&S, Oil
Big Lake 17	Cooper/Eromanga - SA	Gas	13.19	C&S, Gas
Moomba 179	Cooper/Eromanga - SA	Gas	13.19	C&S, Gas
Moomba 180	Cooper/Eromanga - SA	Gas	13.19	C&S, Gas
Moorari 12	Cooper/Eromanga - SA	Gas/Oil	13.19	C&S, Gas/Oil
Fairview 11 ST	Bowen Basin - Qld	CSG	23.93	C&C
Fairview 129	Bowen Basin - Qld	CSG	23.93	C&S, CSG
Fairview 131	Bowen Basin - Qld	CSG	23.93	C&S, CSG
Fairview 132	Bowen Basin - Qld	CSG	23.93	C&S, CSG
Fairview 133	Bowen Basin - Qld	CSG	23.93	C&S, CSG
Fairview 136	Bowen Basin - Qld	CSG	23.93	C&S, CSG Water Inj
Fairview 137	Bowen Basin - Qld	CSG	23.93	C&S, CSG
Fairview 142	Bowen Basin - Qld	CSG	23.93	C&S, CSG
Spring Gully 37	Bowen Basin - Qld	CSG	94.50	C&S, CSG
Spring Gully 40	Bowen Basin - Qld	CSG	94.50	C&S, CSG
Spring Gully 62	Bowen Basin - Qld	CSG	94.50	C&S, CSG
Spring Gully 91	Bowen Basin - Qld	CSG	94.50	C&S, CSG
Argyle 23	Surat Basin - Qld	CSG	40.625	C&S, CSG
Argyle 28	Surat Basin - Qld	CSG	40.625	C&S, CSG
Argyle 34	Surat Basin - Qld	CSG	40.625	C&S, CSG
Argyle 35	Surat Basin - Qld	CSG	40.625	C&S, CSG

## 5. ACQUISITIONS/DIVESTMENTS

During the Quarter:

- Origin has withdrawn from WA-226-P (Offshore Perth Basin). The withdrawal and transfer of Origin's interest to the continuing parties has been approved by the Designated Authority.
- Origin is progressing the arrangement with ARC (Bass Gas) Pty Ltd whereby that company will farmin to a 40% interest in T/44P in the Bass Basin, subject to a mutually acceptable farmin agreement and government approvals. ARC will also have an option to increase its interest to 50% by further contributing to the first commitment exploration well.
- ATPs 666P, 667P and 668P in the Galilee Basin are being transferred from Tri-Star Petroleum Company to Origin Energy CSG Limited. Origin will hold a 100% interest when the transfers are approved by the Minister.

## 6. EXPLORATION AND DEVELOPMENT EXPENDITURE

<u>E &amp; D Expenditure</u>	A\$'000	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
Exploration/ Appraisal		13,969	17,369	(20)	5,506	13,969	5,506
Development/ Plant		87,396	85,463	2	64,491	87,396	64,491
<b>Total</b>		<b>101,365</b>	<b>102,832</b>	<b>(1)</b>	<b>69,997</b>	<b>101,365</b>	<b>69,997</b>
	NZ\$'000	This Quarter	Previous Quarter	% Change	1st Quarter 2006/07	YTD 2007/08	YTD 2006/07
Exploration/ Appraisal		2,296	3,948	(42)	335	2,296	335
Development/ Plant		58,607	49,623	18	14,333	58,607	14,333
<b>Total</b>		<b>60,903</b>	<b>53,571</b>	<b>13</b>	<b>14,668</b>	<b>60,903</b>	<b>14,668</b>

NB: E & D Expenditure excludes acquisitions and corporate plant & equipment.

The details and development activities and the expenditure and revenues relating to those activities referred to in this report have not been audited.

## 7. ORIGIN'S INTERESTS

Origin holds the following interests:

Basin/Project Area	Permits (Interest) (* Denotes Operatorship)
<b>Australia</b>	
<i>Surat Basin (Qld)</i>	PL 14 (100%*); PLs 56 and 74 (69.00%*); PL 30 (75.00%*); PLs 21, 22, 27 and 64 (87.50%*); PLs 53, 174 and 227 (100%*); ATP 470P Redcap (90.00%*); ATP 470P Formosa Downs (49.50%*); PL 71 (72.00%*); ATP 470P Rolston and PL 70 (100%*); ATP 471P Weribone Pooling Area (50.64%*); ATP 336P and PLs 10W, 11W, 12W, 28W, 69 and 89 (46.25%); PL 11 Snake Creek East 1 Exclusion Zone (25.00%); ATP 647P (Block 2656 only) (50.00%*); and ATP 754P (50.00%*).
<i>Denison Trough (Qld)</i>	PLs 41, 42, 43, 44, 45, 54, 67, 173, 183 and 218 (50.00%*); ATP 337P (50.00%); ATP 337P Mahalo (30.00%); and ATP 553P (50.00%)
<i>Galilee Basin (Qld)</i>	ATPs 666P, 667P and 668P (being transferred to Origin (100.00%*))
<i>CSG (Qld)</i>	
- <i>Spring Gully</i>	PLs 195 and 203 and ATP 592P (94.50%*); PL 204 (99.725%*); and PL 200 (95.7104%*)
- <i>Fairview</i>	PLs 90, 91, 92, 99, 100, 232, 233, 234, 235 and 236 and ATP 526P (23.93%)
- <i>Peat</i>	PL 101 (100%*)
- <i>Argyle/Kenya/Bellevue</i>	PLs 179, 180 (Application), 228 and 229 and ATP 620P (40.625%), ATP 610P and PL 247(A) (29.375%); and ATP 648P (31.25%)
- <i>Talinga/Orana</i>	PLs 209, 226, 215(A), 216(A) and 225(A) and ATP 692P (100%*)
- <i>Other(Bowen Basin)</i>	PLs 219 and 220 (100%*); ATP 653P and ATP 745P (23.85%); and ATP 804P (29.29825%)

Basin/Project Area	Permits (Interest) (* Denotes Operatorship)
- <i>Other (Surat Basin)</i>	ATP 606P (92.7162%*); ATP 631P (18.0965%); ATP 663P (100%*); ATP 702P (100.00%*); ATP 847P (100.00%*)
<i>Onshore Otway Basin</i>	
- SA	PRL 13 (50.00%); PRL 1 and 2 and PPLs 62,168 and 202 (100.00%*)
- Victoria	PPLs 6 and 9 and PRL 1 (90.00%*); PPLs 4, 5, 7, 10 and 12 (100.00%*); PPL 2 (Ex. Iona) (100.00%*); PPL 8 (100.00%*); and PEP 160 (20.00%)
<i>Offshore Otway Basin</i>	
- Victoria	VIC/L23 and VIC/P43 (30.75%); VIC/P37(V) (37.5%*) and VIC/P41(V) (100.00%*)
- 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 (39.00%*); and T/44P (100.00%* reducing to 60.00%* subject to a farmin agreement)
<i>Onshore Perth Basin (WA)</i>	EP 320 and L11 (67.00%*); EP 368 (15.00%); EP 413 and L14 (49.189%*); and L1/L2 (excluding Dongara, Mondarra and Yardarino) (50.00%)
<i>Offshore Bonaparte (WA/NT)</i>	NT/RL1 and WA6R (5.00%)
<i>Cooper Basin</i>	
- Qld	SWQ Unit Subleases (16.7375%); Aquitaine A & B Blocks and associated PLs (25.00%); Aquitaine C Block and associated PLs (27.00%); and Wareena Block and associated PLs (10.00%)
- SA	SA Unit PPLs (13.19%); Patchawarra East Block PPLs (10.536%); Reg Sprigg West Unit (PPLs 194 and 211) (7.902%)
<b>New Zealand</b>	
Taranaki Basin	PML 38146 (50.00%*); PEP 38729 (25.00%); and PEP 38485 (33.333%)
Northlands Basin	PEP 38618 and PEP 38619 (50.00%*)
Canterbury Basin	PEP 38262 and 38264 (100.00%*)
<b>Kenya</b>	
Lamu Basin	L8 and L9 (75.00%*)

## 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

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
GJ	Gigajoule = $10^9$ joules
joule	A measure of energy
Kbbls	Kilo barrels = 1,000 barrels
Ktonnes	Kilo tonnes = 1,000 tonnes
mmscfd	million standard cubic feet per day
P&A	plugged and abandoned
P&S	plugged and suspended
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
TJ	terajoule = $10^{12}$ joules
TJ/d	terajoules per day
Water Inj	water injection well