

| | | | | | | | |
|---|---------------|-------------------|--|-------------------|----------|------------|--------------|
| From : Peter Devine / Rohan Richardson | | | | | | | |
| OIM : Rod Dotson | | | | | | | |
| Well Data | | | | | | | |
| Country | Australia | Measured Depth | 1944.0m | Current Hole Size | 311mm | AFE Cost | \$39,506,831 |
| Field | | TVD | 1681.0m | Casing OD | 340mm | AFE No. | 5746046 |
| Drill Contractor | DOGC | Progress | 10.0m | Shoe MD | 642.0m | Daily Cost | \$792,804 |
| Rig | Ocean Patriot | Days from spud | 2.12 | Shoe TVD | 642.0m | Cum Cost | \$21,307,702 |
| Water Depth (LAT) | 65.4m | Days on well | 2.13 | F.I.T. / L.O.T. | / 2.12sg | Planned TD | 2503.0m |
| RT-SL(LAT) | 21.5m | Current Op @ 0600 | Continue to POOH from 1420 m | | | | |
| RT-ML | 86.9m | Planned Op | POOH to 1400 m, circulate well clean and rig up to RIH. RIH to 1944 m and pump 15.9 m3 (100 bbl) hi-vis sweep. POOH and rack back BHA. Rig up to and run casing. | | | | |
| Rig Heading | 215.0deg | | | | | | |

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| Summary of Period 0000 to 2400 Hrs |
| Drilled 311 mm (12 1/4") production hole from 1934 m to 1944 m, circulated hole clean. Flow checked well and POOH from 1944 m to 1520 m back reaming and pumping continually. |

| | | | |
|-------------------|----------|-----------|-----------|
| Formations | | | |
| Name | Top (MD) | Top (TVD) | Comment |
| K85 Unconformity | 1783.0m | 1673.6m | 38.6m low |
| Waarre A | 1792.0m | 1683.1m | 48.1m low |

| Operations For Period 0000 Hrs to 2400 Hrs on 04 Aug 2008 | | | | | | | |
|--|----------|-----|------|------|-------|---------|---|
| Phse | Cls (RC) | Op | From | To | Hrs | Depth | Activity Description |
| PH | P | CDE | 0000 | 0045 | 0.75 | 1937.0m | Continued to control drill at 10 m/hr from 1934 m to 1937 m MD (1680.7 m TVD LAT) |
| PH | P | CS | 0045 | 0130 | 0.75 | 1937.0m | Circulated bottoms up for geology samples, 60% poor quality sand / 40% siltstone, 24 units gas count. |
| PH | P | CDE | 0130 | 0230 | 1.00 | 1944.0m | Continued to control drill at 10 m/hr from 1937 m to 1944 m MD (1681.8 m TVD LAT) |
| PH | P | CHC | 0230 | 0530 | 3.00 | 1944.0m | Circulated bottoms up for geology samples, 80% poor quality sand / 20% siltstone, 29 units gas count. Continued to circulate hole clean with 4.5 times bottoms up. |
| PH | P | FC | 0530 | 0545 | 0.25 | 1944.0m | Flow check well, ok. |
| PH | P | TO | 0545 | 0630 | 0.75 | 1944.0m | POOH from 1944 m to 1904 m. |
| PH | P | RW | 0630 | 2400 | 17.50 | 1944.0m | Experienced tight hole at 1904 m with max overpull 22 t (50 klbs). Commenced back reaming and pumping out of hole from 1904 m to 1520 m, working each stand before connections. Pumped a 15.9 m3 (100 bbl) hi-vis sweep at 1620 m when working stand. |

| Operations For Period 0000 Hrs to 0600 Hrs on 05 Aug 2008 | | | | | | | |
|--|----------|----|------|------|------|---------|---|
| Phse | Cls (RC) | Op | From | To | Hrs | Depth | Activity Description |
| PH | P | RW | 0000 | 0600 | 6.00 | 1944.0m | Continued to backream and pump out of hole from 1520 m to 1420 m working a stand each connection. |

| | | | | | | | | | |
|-----------------|--|--------------|-----------------------|----------------------------|------|---------|-------|------------|-----------|
| WBM Data | | | | Cost Today \$ 22895 | | | | | |
| Mud Type: | 8KCL | API FL: | 5cm ³ /30m | KCl: | 9% | Solids: | 10.96 | Viscosity: | 0sec/L |
| Sample-From: | Pit | Filter-Cake: | 1mm | Hard/Ca: | 1400 | H2O: | 89% | PV: | 0.030Pa/s |
| Time: | 22:30 | HTHP-FL: | | MBT: | 1.2 | Oil: | | YP: | 0.196MPa |
| Weight: | 1.32sg | HTHP-Cake: | | PM: | 0.3 | Sand: | 0.2 | Gels 10s: | 0.048 |
| Temp: | 160.0C° | | | PF: | 0.27 | pH: | 10 | Gels 10m: | 0.115 |
| | | | | | | PHPA: | 1ppb | Fann 003: | 9 |
| | | | | | | | | Fann 006: | 12 |
| | | | | | | | | Fann 100: | 40 |
| | | | | | | | | Fann 200: | 57 |
| | | | | | | | | Fann 300: | 71 |
| | | | | | | | | Fann 600: | 101 |
| Comment | Treated active system with idcide and sodium sulphite before POOH. Built 2 by 100 bbl Hi-vis sweeps and increased KCL content to aid with inhibition of clays. | | | | | | | | |

| Bit # 1 | | | | Wear | I | O1 | D | L | B | G | O2 | R |
|-------------|-------------|----------|----------|---|----------|---------------------------------|-----------|--------------------|--------------------------------|------------|----|---|
| Size: | 311mm | IADC# | M422 | Nozzles | | Drilled over last 24 hrs | | | Calculated over Bit Run | | | |
| Mfr: | REED | WOB(avg) | 6.80mt | No. | Size | Progress | 10.0m | Cum. Progress | | 433.0m | | |
| Type: | PDC | RPM(avg) | 175 | 6 | 15/32nd" | On Bottom Hrs | 1.20h | Cum. On Btm Hrs | | 15.90h | | |
| Serial No.: | 218712 | F.Rate | 3471lpm | | | IADC Drill Hrs | 1.50h | Cum IADC Drill Hrs | | 24.00h | | |
| Bit Model | RSX616M-A16 | SPP | 23856kPa | | | Total Revs | | Cum Total Revs | | 0 | | |
| Depth In | 1421.0m | TFA | 1.035 | | | ROP(avg) | 8.33 m/hr | ROP(avg) | | 27.23 m/hr | | |
| Depth Out | | | | | | | | | | | | |
| Run Comment | | | | Used to side track Netherby-1DW for production section from pilot hole. | | | | | | | | |

| BHA # 1 | | | | | | | |
|-------------------|---------|-----------|----------|-----------------|-----------|-----------------------|----------|
| Weight(Wet) | 18.14mt | Length | 183.1m | Torque(max) | 35.4Nm | D.C. (1) Ann Velocity | 79.6mpm |
| Wt Below Jar(Wet) | 14.74mt | String | 106.59mt | Torque(Off.Btm) | 6.8Nm | D.C. (2) Ann Velocity | 0mpm |
| | | Pick-Up | 111.13mt | Torque(On.Btm) | 16.3Nm | H.W.D.P. Ann Velocity | 60.06mpm |
| | | Slack-Off | 99.79mt | | | D.P. Ann Velocity | 54.78mpm |
| Equipment | | Length | OD | ID | Serial # | Comment | |
| Bit | | 0.29m | 311mm | 76mm | 218712 | | |
| Powerdrive 900 | | 8.60m | 308mm | 133mm | 2 | | |
| ARC-8 | | 5.87m | 230mm | 108mm | 2724 | | |
| Power Pulse | | 8.47m | 211mm | 95mm | FB46 | | |
| NMDC | | 18.60m | 213mm | 83mm | | | |
| X/O | | 1.09m | 203mm | 67mm | GUD1231-6 | | |
| HWDP | | 84.26m | 168mm | 78mm | | | |
| Jar | | 9.32m | 165mm | 70mm | 24670G | | |
| HWDP | | 46.60m | 168mm | 70mm | | | |

| Bulk Stocks | | | | | | Personnel On Board | | |
|---------------|------|----|------|--------|---------|-------------------------|-------|-----|
| Name | Unit | In | Used | Adjust | Balance | Company | | Pax |
| Barite | mT | 56 | 31 | 93 | 111.0 | Santos | | 4 |
| Gel | mT | 0 | 0 | 53 | 53.0 | Santos | | 2 |
| Cement | mT | 0 | 0 | 90 | 90.0 | DOGC | | 45 |
| Fuel | m3 | 0 | 21.7 | 0 | 465.4 | ESS | | 8 |
| Potable Water | m3 | 34 | 28 | 367 | 381.0 | BHI | | 6 |
| Drill Water | m3 | 0 | 66 | 727 | 631.0 | Dowell | | 2 |
| | | | | | | Rheochem | | 2 |
| | | | | | | TMT | | 6 |
| | | | | | | Subsea 7 | | 2 |
| | | | | | | Anadrill | | 2 |
| | | | | | | Anadrill | | 3 |
| | | | | | | Premium Casing Services | | 6 |
| | | | | | | MI Swaco | | 1 |
| | | | | | | Cameron | | 2 |
| | | | | | | DOGC Service | | 7 |
| | | | | | | Marcomm | | 1 |
| | | | | | | | Total | 99 |

| Casing | | | |
|--------|-----------------|----------------------|--|
| OD | L.O.T. / F.I.T. | Casing Shoe (MD/TVD) | Cementing |
| 762mm | / | 130.90/130.90 | As per cement data. |
| 340mm | 2.12 / | 642.20/642.20 | Class G lead slurry to surface. Class G tail TOC at ± 492m (150m). |

| HSE Summary | | | | |
|----------------------------|------------|--------------|------------|--|
| Events | Num Events | Date of Last | Days Since | Remarks |
| Abandon Drill | 1 | 03 Aug 2008 | 1 Day | Abandonment drill completed after the fire drill. Completed full muster at lifeboat stations 1 and 3 in 13 minutes. |
| Additional Supervision | 1 | 02 Aug 2008 | 2 Days | No night SOC on rig, unable to get a firm commitment from DODI to fill position. |
| Fire Drill | 1 | 03 Aug 2008 | 1 Day | Simulated a fire in the cement room at 10:32. Fire under control at 10:42. |
| First Aid | 1 | 04 Aug 2008 | 0 Days | IP presented with slightly swollen finger tip and black finger nail. He was assisting the electrician fit new batteries for the crane when it moved suddenly causing his finger to become caught between the framework and battery. The pressure was released from behind the fingernail, pain relief given and he returned to work. |
| First Aid | 1 | 04 Aug 2008 | 0 Days | IP was walking on non skid walkway when he stepped on a small amount of mud. This caused his foot to slip which resulted in a 5 cm by 0.5 cm loss of skin from his shin when it came in contact with some framework. |
| JHA | 26 | 04 Aug 2008 | 0 Days | Drill crew - 11 Deck Crew - 6 Mechanic - 3 Welder - 7 |
| Lost Time Incident | 1 | 30 May 2008 | 66 Days | Man had his left hand caught between an 8" drill collar and the casing tongs when he was trying to secure the tong. Preliminary checks on the rig deemed only stitches required and the hand was not broken. The person was medivac'd off the rig @ 23:00hrs. Man was released from Royal Hobart hospital with 12 stitches to the hand (no broken bones). |
| Medical Treatment Incident | 1 | 24 Jul 2008 | 11 Days | IP sustained a deep cut to his left leg. This was caused by his foot slipping off a timber support and hitting his shin. The IP will be flown out on crew chopper. Note: IP received 7 stitches and has been given clearance to return to work. Resumed duties 25th Jul 08. |
| Pre-Tour Meeting | 4 | 04 Aug 2008 | 0 Days | Discussed upcoming operations and associated hazards prior to each shift starting. |
| PTW Issued | 8 | 04 Aug 2008 | 0 Days | 5 x hot work permits 3 x cold work permits |
| Safety Audit | 1 | 30 Jul 2008 | 5 Days | EHSMS audit conducted onboard. |
| Safety Meeting | 3 | 03 Jul 2008 | 32 Days | Reviewed stop cards for the week and awarded Santos best stop card. Discussed fire and abandonment drill and muster times. Reviewed safety alerts from other DODI facilities. |
| Santos Induction | 1 | 04 Aug 2008 | 0 Days | Inducted new personnel to site |
| Stop Observations | 82 | 04 Aug 2008 | 0 Days | 53 - Safe 29- Corrective Actions |
| STOP Tour | 1 | 03 Aug 2008 | 1 Day | Conducted STOP audit on the starboard crane repairs, housekeeping good, excellent communication and clear understanding of work scope. |
| Trip/Pit Drill | 1 | 31 Jul 2008 | 4 Days | Sounded the alarm on the drill floor for a kick drill. Crew reacted and had the FOSV in place within 35 seconds. |

| Shakers, Volumes and Losses Data | | | | Engineer : Carissa Thompson / Fius Siregar | | | |
|---|---------------------|-------------|--------------------|--|-----------------|--------------------|-------|
| Available | 303.9m ³ | Losses | 47.4m ³ | Equip. | Descr. | Mesh Size | Hours |
| Active | 77.7m ³ | Downhole | | Centrifuge 1 | MI SW FVS 518 | | 11 |
| Mixing | 0.0m ³ | Surf+ Equip | 38.5m ³ | Centrifuge 1 | MI SW FVS 518 | | 11 |
| Hole | 143.1m ³ | Dumped | 0.0m ³ | Centrifuge 2 | MI SW FVS 518 | | 11 |
| Slug | | De-Sander | | Centrifuge 2 | MI SW FVS 518 | | 0 |
| Reserve | 46.1m ³ | De-Silter | | Shaker 3 | Bem 650 - MI SW | 20 / 20 230 HC x 4 | 24 |
| Kill | | Centrifuge | 8.9m ³ | Shaker 3 | Bem 650 - MI SW | 20 / 20 230 HC x 4 | 24 |
| Storage | 37.0m ³ | | | Shaker 4 | Bem 650 - MI SW | 20 / 20 200 HC x 4 | 24 |
| | | | | Shaker 4 | Bem 650 - MI SW | 20 / 20 200 HC x 4 | 24 |
| | | | | Shaker 5 | Bem 650 - MI SW | 20 / 20 200 HC x 4 | 24 |
| | | | | Shaker 5 | Bem 650 - MI SW | 20 / 20 200 HC x 4 | 24 |
| | | | | Shaker 6 | Bem 650 - MI SW | 20 / 20 230 HC x 4 | 24 |
| | | | | Shaker 6 | Bem 650 - MI SW | 20 / 20 230 HC x 4 | 24 |

| Marine | | | | | | | | Rig Support | | |
|---------------------------------------|--------------|-----------|--------------|------------|--------------|------------------|-------------|-------------|---------------|--------------|
| Weather check on 04 Aug 2008 at 24:00 | | | | | | | | | | |
| Visibility | Wind Speed | Wind Dir. | Pressure | Air Temp. | Wave Height | Wave Dir. | Wave Period | Anchors | Chain out (m) | Tension (mt) |
| 22.2km | 15km/h | 75.0deg | 1023.00bar | 12.0C° | 0.2m | 75.0deg | 3sec | 1 | 1382.9 | 96.16 |
| Roll | Pitch | Heave | Swell Height | Swell Dir. | Swell Period | Weather Comments | | | | |
| 0.4deg | 0.3deg | 0.50m | 2.0m | 225.0deg | 12sec | | | | | |
| Rig Dir. | Ris. Tension | VDL | | Comments | | | | 2 | 1382.9 | 101.15 |
| 215.0deg | 124.74mt | 962.07mt | | | | | | 3 | 1399.9 | 115.21 |
| | | | | | | | | 4 | 1376.8 | 106.14 |
| | | | | | | | | 5 | 1410.9 | 132.90 |
| | | | | | | | | 6 | 1421.0 | 135.17 |
| | | | | | | | | 7 | 1410.9 | 136.08 |
| | | | | | | | | 8 | 1414.0 | 117.03 |

| Boats | Arrived (date/time) | Departed (date/time) | Status | Bulks | | |
|-------------|---------------------|----------------------|----------------------------------|---------------|------|----------|
| Far Grip | | 14:25 hrs 03.08.08 | ETA Ocaean Patriot: 05/08/08 pm. | Item | Unit | Quantity |
| | | | | Fuel | m3 | 488 |
| | | | | Potable Water | m3 | 324 |
| | | | | Drill Water | m3 | 450 |
| | | | | KCl Brine | m3 | 140 |
| | | | | NaCl Brine | m3 | 185 |
| | | | | Mud | m3 | 250 |
| | | | | Cement | mT | 43.5 |
| | | | | Barite | mT | 84 |
| Gel | mT | 59 | | | | |
| Nor Captain | 22:00 30 Jul 08 | | Standby Ocean Patriot | Item | Unit | Quantity |
| | | | | Fuel | m3 | 465.5 |
| | | | | Potable Water | m3 | 340 |
| | | | | Drill Water | | 193 |
| | | | | Cement | mT | 38 |
| | | | | Gel | mT | 42 |
| | | | | Barite | mT | 28 |

| Helicopter Movement | | | | | |
|---------------------|-------|---------------|---------|-----|--|
| Flight # | Time | Destination | Comment | Pax | |
| GYJ | 10:50 | Ocean Patriot | | 6 | |
| GYJ | 11:02 | Essendon | | 3 | |