**20 Jul 2009**

**DRILLING MORNING REPORT # 32**
**Basker 3 Workover**

## Well Data

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Country | Australia | M. Depth | 0.00m | Cur. Hole Size | | AFE Cost | $ 32256870 |
| Permit | VIC/L26 | TVD | 0.00m | Casing OD | | AFE No. | BMGOD209D22 |
| Drill Co. | Diamond Offshore | Progress | 0.0m | Shoe TVD | | Daily Cost | $ 855482 |
| Rig | Ocean Patriot | Days from spud | | FIT | | Cum Cost | $ 33151693 |
| Wtr Dpth(MSL) | 152.90m | Days on well | 31.60 | LOT | | Planned TD | |
| RT-ASL(MSL) | 21.50m | Lat | 38 ° 17 ' 58.972 " S | Long | 148 ° 42 ' 24.873 " E | Datum | GDA94 |
| RT-ML | 174.40m | Current Op @ 0600 | Recovering subsea tree running tool with landing string. | | | | |
| | | Planned Op | Recover subsea tree running tool with landing string.<br>Run and install subsea tree cap on landing string.<br>Recover tree parking frame.<br>Perform seabed survey with ROV.<br>Skid to Basker 7 location. | | | | |

## Summary of Period 0000 to 2400 Hrs

ROV connected WSL UH-550 jumper line to subsea tree.
Performed production flow line and WSL jumper pressure test procedure (B3 subsea tree to BAM).
Displaced production flow line and WSL jumper to fluorescein dye fluid.
Continued to perform production flow line and WSL jumper pressure test.
Pressure tested PSV.

## Operations For Period 0000 Hrs to 2400 Hrs on 20 Jul 2009

| Phse | Cls (RC) | Op | From | To | Hrs | Depth | Activity Description |
|---|---|---|---|---|---|---|---|
| CMPLT | P | SST | 0000 | 0100 | 1.00 | 0.0m | Completed pulling CVC running tool on to moonpool doors.<br>Note: Trouble shot 4 core umbilical twisted in winch line. |
| CMPLT | P | SST | 0100 | 0200 | 1.00 | 0.0m | ROV recovered to surface to change tooling for WSL UH-550 torque operations. Confirmed that there was no pressure behind WSL UH-550 plug. ROV using torque tool backed out pressure cap from subsea tree. CT winch recovered UH-550 blind sub to surface. |
| CMPLT | P | SST | 0200 | 0430 | 2.50 | 0.0m | ROV removed WSL UH-550 plug on subsea tree. ROV unlocked WSL UH-550 jumper line from WSL UH-550 plug spike. ROV connected CT winch to WSL UH-550 jumper line. ROV connected pod winch to WSL UH-550 jumper line. Winches lifted WSL UH-550 line assisted by ROV and stabbed into WSL UH-550 connection on subsea tree. ROV torqued up WSL UH-550 connector. Recovered winches and tugger to moonpool recovering parking weight and cover. |
| CMPLT | TP | SST | 0430 | 0500 | 0.50 | 0.0m | Attempted to install and torque CVC secondary locks. Lock bolt dropped to seabed whilst ROV was attempting to torque. Decision made to continue with production line pressure test whilst organizing replacement bolt. |
| CMPLT | TP | SST | 0500 | 1400 | 9.00 | 0.0m | Performed production flow line and WSL jumper pressure test. Confirmed with Crystal Ocean operational steps 1 through to 11. Pressured up slowly with brine at 1.4 MPa/min (200 psi/min) to 6.9 MPa (1000 psi). Took 0.35 m3 (2.2 bbls) total fluid volume. Continued to hold pressure until it stabilized. Pressured up slowly with brine at 1.4 MPa/min (200 psi/min) to 34.5 MPa (5000 psi). Pumped 0.43 m3 (2.7 bbls) total fluid volume. Continued to hold pressure on production flow line and WSL. Topped up pressure 2 times before 08:00 hrs. Pressure on production flow line was 34.47 MPa (4996 psi) at 08:00 hrs and 32.69 MPa (4738 psi) at 14:00 hrs. Pressure on MSL was 34.44 MPa (4992 psi) at 08:00 hrs and 33.92 MPa (4916 psi) at 14:00 hrs. Held pressure on annulus access line during test. |
| CMPLT | TP | SST | 1400 | 1830 | 4.50 | 0.0m | Waited on future production flow line and WSL jumper pressure test procedure from town. |
| CMPLT | TP | SST | 1830 | 2000 | 1.50 | 0.0m | Displaced completion riser and subsea tree to fluorescein dye fluid. Worked with Crystal Ocean FPSO to displace production flow line and WSL jumper line contents to fluorescein dye fluid for leak detection at CVC connector. Displaced 6 m3 (38 bbls) fluorescein dye fluid. Bled off pressure to annulus access line. |
| CMPLT | P | SST | 2000 | 2330 | 3.50 | 0.0m | Performed production flow line and WSL jumper pressure test. Confirmed with Crystal Ocean operational steps 1 through to 11. Pressured up slowly with brine via annulus access line at 1.4 MPa/min (200 psi/min) to 6.9 MPa (1000 psi). Took 0.05 m3 (0.3 bbls) fluid volume. Continued to hold pressure until it stabilized. Pressured up slowly with brine at 1.4 MPa/min (200 psi/min) to 33.12 MPa (4800 psi). Took 0.43 m3 (0.7 bbls) fluid volume. Continued to hold pressure on production flow line and WSL. Pressure on production flow line was 34.98 MPa ( 5070 psi) at 22:20 hrs and 34.67 MPa (5024 psi) at 22:50 hrs. ROV monitored CVC connection and production flow line throughout test. Test achieved revised acceptance criteria. Shut all subsea tree valves |

| Phse | Cls (RC) | Op | From | To | Hrs | Depth | Activity Description |
|---|---|---|---|---|---|---|---|
| | | | | | | | and bled pressure off annulus access line.<br>Note: Rig had power outage at 23:05 hrs for 2 mins. |
| CMPLT | P | SST | 2330 | 2400 | 0.50 | 0.0m | Pressure tested PSV with cement unit via landing string to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. |

## Operations For Period 0000 Hrs to 0600 Hrs on 21 Jul 2009

| Phse | Cls (RC) | Op | From | To | Hrs | Depth | Activity Description |
|---|---|---|---|---|---|---|---|
| CMPLT | P | SST | 0000 | 0300 | 3.00 | 0.0m | ROV removed VX line. ROV removed annulus access hose (UH-550 connector) from subsea tree and parked on stiff joint. Installed blind plug in UH-550 connector. Performed subsea tree suspension test #7 via IWOCS to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Notified Crystal Ocean intention to disconnect IWOCS free plate. Disconnected IWOCS imbilical free plate from subsea tree and parked on stiff joint.<br><br>Concurrent operation: Completed pressure testing PSV with cement unit via landing string to 34.5 MPa (5,000 psi) for 10 mins high - good. |
| CMPLT | P | SST | 0300 | 0400 | 1.00 | 0.0m | Unlatched and disconnected landing string from subsea tree. Laid out stiff joint and long bails whilst skidding rig 14.9 m port to heavy lift safe location. |
| CMPLT | P | SST | 0400 | 0600 | 2.00 | 0.0m | Recovered 140 mm (5.5") tubing landing string to stiff joint with annulus access hose and IWOCS umbilical.<br><br>Note: Schlumberger MWD 85% rigged up. |

## Phase Data to 2400hrs, 20 Jul 2009

| Phase | Phase Hrs | Start On | Finish On | Cum Hrs | Cum Days | Max Depth |
|---|---|---|---|---|---|---|
| COMPLETION(CMPLT) | 725.00 | 19 Jun 2009 | 20 Jul 2009 | 725.00 | 30.21 | 0.0m |

## WBM Data

**Cost Today $ 0**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mud Type: | | API FL: | | Cl: | 25000mg/l | Solids(%vol): | |
| Sample-From: | | Filter-Cake: | | K+C*1000: | | H2O: | |
| Time: | | HTHP-FL: | | Hard/Ca: | | Oil(%): | |
| Weight: | 1.03sg | HTHP-cake: | | MBT: | | Sand: | |
| Temp: | 7C° | | | PM: | | pH: | |
| | | | | PF: | | PHPA: | |

| | |
|---|---|
| Viscosity | |
| PV | |
| YP | |
| Gels 10s | |
| Gels 10m | |
| Fann 003 | |
| Fann 006 | |
| Fann 100 | |
| Fann 200 | |
| Fann 300 | |
| Fann 600 | |

Comment: Total cost:$ 132,908.83 1.14 sg brine - Cl 105,000

## Bulk Stocks

| Name | Unit | In | Used | Adjust | Balance |
|---|---|---|---|---|---|
| Barite | mt | 0 | 12 | 0 | 77.0 |
| Gel | MT | 0 | 0 | 0 | 36.0 |
| Cement | MT | 0 | 0 | 0 | 88.0 |
| Fuel | M3 | 0 | 5.5 | 0 | 510.9 |
| Potable Water | M3 | 34 | 23 | 0 | 314.0 |
| Drill Water | M3 | 0 | 35 | 0 | 434.0 |

## Pumps

**Pump Data - Last 24 Hrs**

| No. | Type | Liner (mm) | MW (sg) | Eff (%) | SPM (SPM) | SPP (kPa) | Flow (lpm) |
|---|---|---|---|---|---|---|---|
| 1 | NATIONAL 12P - 160 | 152.40 | | 97 | | | |
| 2 | NATIONAL 12P - 160 | 152.40 | | 97 | | | |
| 3 | NATIONAL 12P - 160 | 152.40 | | 97 | | | |

**Slow Pump Data**

| Depth (m) | SPM1 (SPM) | SPP1 (kPa) | Flow1 (lpm) | SPM2 (SPM) | SPP2 (kPa) | Flow2 (lpm) | SPM3 (SPM) | SPP3 (kPa) | Flow3 (lpm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

## Personnel On Board

| Job Title | Personnel | Company | Pax |
|---|---|---|---|
| Senior Drilling Supervisor | Pat Brown | Anzon Australia Pty Limited | 1 |
| Drilling Supervisor | Philip Burr | Anzon Australia Pty Limited | 1 |

## Personnel On Board

| | | | |
|---|---|---|---|
| Logistics Coordinator | Shelly Hares | Anzon Australia Pty Limited | 1 |
| HSE | Gordon Drew | Anzon Australia Pty Limited | 1 |
| OIM | Rod Dotson | Diamond Offshore | 1 |
| Mudlogging | BHI | Anzon Australia 3rd Party | 2 |
| Drilling Fluids | MI | Anzon Australia 3rd Party | 2 |
| Wellhead | Cameron | Anzon Australia 3rd Party | 5 |
| ROV | Subsea 7 | Anzon Australia 3rd Party | 6 |
| Cementing | Dowell | Anzon Australia 3rd Party | 2 |
| Rig Crew | Drilling | Diamond Offshore 3rd Party | 48 |
| Other | | Diamond Offshore 3rd Party | 1 |
| Catering | ESS | Diamond Offshore 3rd Party | 8 |
| Completion Supervision | AWT | Anzon Australia 3rd Party | 2 |
| TBG | BJ | Anzon Australia 3rd Party | 2 |
| Completions | Baker | Anzon Australia 3rd Party | 1 |
| S Line | Schlumberger | Anzon Australia 3rd Party | 2 |
| MWD | Schlumberger | Anzon Australia 3rd Party | 3 |
| Subsea | AGR | Anzon Australia 3rd Party | 6 |
| Marine Surveyor | Nepturn | Anzon Australia 3rd Party | 2 |
| DD | Schlumberger | Anzon Australia 3rd Party | 1 |
| Maritime Inspector | NOPSA | Diamond Offshore 3rd Party | 2 |
| | | Total | 100 |

## HSE Summary

| Events | Date of last | Days Since | Descr. | Remarks |
|---|---|---|---|---|
| LTI | | 146 | | |
| Abandon Drill | 19 Jul 2009 | 1 Day | | Full muster at 22:26 hrs |
| Fire Drill | 19 Jul 2009 | 1 Day | | Simulated in store room, port box girder. Full muster at 22:21 hrs |
| First Aid Case | 19 Jul 2009 | 1 Day | | IP slipped on mat out side door leaving accommodation and rolled his left ankle.<br>IP had slight swelling on outside of left ankle. IP was treated with an ice pack. |
| JSA | 20 Jul 2009 | 0 Days | | Drill crew - 10<br>Crane crew - 14<br>Mechanic - 0<br>Welder - 5<br>Sub Sea - 2<br>Marine - 0<br>Pump room - 0<br>Electrician - 0 |
| Lost Time Incident | 15 Jun 2009 | 35 Days | 146 days | LTI = 146 days since start of rig assignment on 25 Feb 2009. |
| Permit To Work | 20 Jul 2009 | 0 Days | | Hot - 4<br>Cold - 8 |
| Pre-Tour Meetings | 20 Jul 2009 | 0 Days | | 0545 hrs<br>1145 hrs<br>1745 hrs<br>2345 hrs |
| STOP Card | 20 Jul 2009 | 0 Days | | Safe - 58<br>Unsafe - 34 |
| Weekly Safety Meeting | 19 Jun 2009 | 31 Days | | 13:00 hrs<br>19:00 hrs<br>00:30 hrs |

## Rig Data

| Company Name | Rig Name | Max Deck Load | VDL @ Midnight | Rig Heading |
|---|---|---|---|---|
| Diamond Offshore | Ocean Patriot | mt | 2182mt | 249.0deg |

## Shakers, Volumes and Losses Data

Engineer : Manfreid Olejniczak

| Equip. | Descr. | Mesh Size |
|---|---|---|

| | |
|---|---|
| **Available** | **96.20m³** |
| Active | 31.80m³ |
| Mixing | |
| Hole | |
| Slug | |
| Reserve | 64.40m³ |
| Kill | |

| | |
|---|---|
| **Losses** | **0.00m³** |
| Downhole | 0.00m³ |
| Surf+ Equip | 0.00m³ |
| Dumped | |
| De-Gasser | |
| De-Sander | |
| De-Silter | |
| Centrifuge | |

Comments

Mixed 450 bbls kill mud at 9.5 ppg for Basker 7. Costs and volumes will go to Basker 7 well.
405 bbls 9.5 ppg and 200 bbls 8.6 ppg brine.

## Marine

Weather on 20 Jul 2009

| Visibility | Wind Speed | Wind Dir. | Pressure | Air Temp. | Wave Height | Wave Dir. | Wave Period |
|---|---|---|---|---|---|---|---|
| 10nm | 27kn | 305.0deg | 1014.0mbar | 15C° | 2m | 305.0deg | 4s |

| Roll | Pitch | Heave | Swell Height | Swell Dir. | Swell Period | Weather Comments |
|---|---|---|---|---|---|---|
| 0.2deg | 0.2deg | 0m | 1m | 160.0deg | 11s | |

| Rig Dir. | Ris. Tension | VDL | Comments |
|---|---|---|---|
| 249.0deg | 0mt | 2182mt | |

Rig Support

| Anchors | Tension (mt) |
|---|---|
| 1 | 109.0 |
| 2 | 109.0 |
| 3 | 112.0 |
| 4 | 111.0 |
| 5 | 110.0 |
| 6 | 109.0 |
| 7 | 117.0 |
| 8 | 120.0 |

## Helicopter Movement

| Flight # | Helicopter Type | Arr/Dep. Time | Pax In/Out | Comment |
|---|---|---|---|---|
| XC | S61 | 0949 / 0958 | 6 / 6 | |

| Boats | Arrived (date/time) | Departed (date/time) | Status | Bulks |
|---|---|---|---|---|
| **Lewek Emerald** | 18:19 hrs, 20-07-09 | | Stand by at rig | |

| Item | Unit | Quantity |
|---|---|---|
| Fuel | M3 | 318.4 |
| Potable Water | M3 | 220 |
| Drill Water | M3 | 270 |
| Barite | MT | 75 |
| Gel | MT | 46 |
| Cement | MT | 84 |
| Brine | M3 | 246.6 |

| Boats | Arrived (date/time) | Departed (date/time) | Status | Bulks |
|---|---|---|---|---|
| **Lewek Swift** | | 17:15 hrs 03-07-09 | Off hire. Undergoing HRP repairs. | |

| Item | Unit | Quantity |
|---|---|---|
| Fuel | M3 | 644.7 |
| Potable Water | M3 | 305 |
| Drill Water | M3 | 255 |
| Barite | MT | |
| Gel | MT | |
| Cement | MT | 40.6 |
| Brine | M3 | 206.67 |

| Boats | Arrived (date/time) | Departed (date/time) | Status | Bulks |
|---|---|---|---|---|
| **Pacific Protector** | | | Standby on location. | |

| Item | Unit | Quantity |
|---|---|---|
| Diesel | M3 | 166.2 |
| Potable Water | M3 | 362 |
| Drill Water | M3 | 100 |
| Gel | MT | 0 |

| Boats | Arrived (date/time) | Departed (date/time) | Status | Bulks |
|---|---|---|---|---|
| **Yarabah** | 05:45 hrs, 20-07-09 | | Stand by at rig. | |

| Item | Unit | Quantity |
|---|---|---|
| Diesel | M3 | 108 |
| Potable Water | M3 | 312 |