

From : Chris Roots / Nathan Peri

Well Data

Country	Australia	Measured Depth	657.0m	Current Hole Size	315mm	AFE Cost	\$41,512,831
Field		TVD	657.0m	Casing OD	340mm	AFE No.	5746043
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	652.0m	Daily Cost	\$737,507
Rig	Ocean Patriot	Days from spud	8.87	Shoe TVD	652.0m	Cum Cost	\$14,228,229
Water Depth (LAT)	66.3m	Days on well	9.58	F.I.T. / L.O.T.	/	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	ROV continuing to standby on sea bed waiting for improved visibility.				
RT-ML	87.8m	Planned Op	ROV to observe tensioning of the guidelines.				
Rig Heading	217.0deg		Visual observation of the XT. Search for the Nomad#6 ROV, gain a visual of ROV. Shear out the guidelines (x3), move off location and lay out the Riser. Recover the Nomad#6 on drillpipe. PU Riser,move back over location.				

Summary of Period 0000 to 2400 Hrs

Continued re-terminating the recovery ROV. Completed final checks. Deployed ROV to bottom, visual siting of the XT showed guidelines across the XT.
 Problems encountered with the ROV camera, pulled the ROV to surface. Refitted wiring, dived again. Unable to work due to poor visibility and strong surges. Pulled ROV to surface. Standby for ROV.

Operations For Period 0000 Hrs to 2400 Hrs on 02 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SC	TP (VE)	ROV	0000	0400	4.00	657.0m	Continued reterminating the umbilical cable and function testing the ROV. Confirmed good communication with Nomad#3.
SC	TP (VE)	ROV	0400	1230	8.50	657.0m	Function tested the ROV.
SC	TP (VE)	ROV	1230	1500	2.50	657.0m	Deployed Nomad#3, performed systems check. Located and surveyed the XT. Noted guidelines across the XT, tensioned up on guideline #4. Lost power to the Nomad#3, retrieved to surface. Note: No visual of the Nomad#6 ROV, however sonar did show an object ~ 10m to AFT of the XT.
SC	TP (VE)	ROV	1500	1700	2.00	657.0m	Repaired electronic fault on ROV.
SC	TP (VE)	ROV	1700	1800	1.00	657.0m	Deployed ROV to bottom. No visibility, strong surges present. Held off station for improved visibility. Decision made to pull ROV. Continued working electronics while waiting on better visibility.
SC	TP (VE)	ROV	1800	2400	6.00	657.0m	Continued working on electronics on Nomad#3.

Operations For Period 0000 Hrs to 0600 Hrs on 03 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SC	TP (VE)	ROV	0000	0200	2.00	657.0m	Continued working on electronics on Nomad#3.
SC	TP (VE)	ROV	0200	0400	2.00	657.0m	Deployed Nomad#3, lost sonar on entering water. Pulled ROV to surface and repaired faulty sonar. Changed out RH arm hydraulic ram.
SC	TP (VE)	ROV	0400	0415	0.25	657.0m	Deployed ROV, functioned RH arm, unable to retract arm. Sonar dropped out, pulled ROV to surface.
SC	TP (VE)	ROV	0415	0530	1.25	657.0m	Troubleshoot Sonar and repair over-extended manipulator arm.
SC	TP (VE)	ROV	0530	0600	0.50	657.0m	Deployed ROV to bottom, functioned all instruments. Proceeded to wellhead, very poor visibility and surge. Unable to hold station with visibility down to ±1.0m. Moved ROV off location and settled on sea bed. Waited for improvement visibility.

WBM Data

Cost Today \$ 1000

Mud Type:	SW/PacR	API FL:	20cm³/30m	KCl:	0%	Solids:	0	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:		Hard/Ca:	2500	H2O:	100%	PV:	0.019Pa/s
Time:	22:00	HTHP-FL:		MBT:	0	Oil:		YP:	0.091MPa
Weight:	1.03sg	HTHP-Cake:	0mm	PM:	0	Sand:	0	Gels 10s:	0.014
Temp:				PF:	0.02	pH:	8.5	Gels 10m:	0.024
						PHPA:	Oppb	Fann 003:	3
								Fann 006:	4
								Fann 100:	19
								Fann 200:	30
								Fann 300:	38
								Fann 600:	57

Comment: Treat SW/Pac R polymer premix with IDCIDE20 to combat bacterial degradation. SW/Pac R rheological properties will be increased closer to time of drilling.

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	Comment
Barite	mT	0	0	0	148.0	
Gel	mT	0	0	0	33.0	
Cement	mT	0	0	0	63.0	
Fuel	m3	0	7.6	0	443.6	
Potable Water	m3	36	32	0	313.0	
Drill Water	m3	0	0	0	607.0	

Personnel On Board		
Company	Comment	Pax
Santos		4
DOGC		51
ESS		8
BHI		6
Dowell		2
Rheochem		2
MI Swaco		1
TMT		6
Cameron		2
Schlumberger Drilling & Measurements	MWD	3
Santos	Subsea	1
Santos	Geologist	1
Schlumberger Drilling & Measurements	Directional	3
TMT	Sea Eye Rov	4
DOGC Service		3
Total		97

Casing			
OD	L.O.T. / F.I.T.	Casing Shoe (MD/TVD)	Cementing
762mm	/	131.70/131.70	Slurry: 30.8m ³ (194bbl x 916sxs) of 1.9sg (15.8ppg) class G
340mm	/	652.00/652.00	Lead: 41m ³ (256bbl x 532sx) of 1.5sg (12.5ppg) class G slurry. Tail: 17.8m ³ (112bbl x 644sx) 150m of 1.9sg (15.8ppg) class G slurry.

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	31 Aug 2008	2 Days	Abandon drill completed after the simulated fire was under control. Completed full muster at the forward lifeboats at 11:02hrs.
Fire Drill	1	31 Aug 2008	2 Days	Simulated a fire in the paint locker. Emergency alarm sounded at 10:31hrs, emergency under control at 10:45hrs. Full muster complete in the Temporary Refuge (Galley) at 10:41hrs
First Aid	1	13 Aug 2008	20 Days	During the relocation of a container on the port pipe deck, IP located hand on corner of a container to assist another roustabout to steady for placement. IP looked at the base of the container when it swung and caught his hand between the container and wall resulting in a bruised hand.
JHA	22	02 Sep 2008	0 Days	Drill crew - 4 Deck Crew - 13 Welder - 2 Marine - 1 Subsea - 2
Lost Time Incident	1	30 May 2008	95 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	13 Aug 2008	20 Days	During lifting operations of 3rd party tooling on the pipe deck, IP was assisting the dogman in attaching slings to the whip-line hook. During this process the hook swung and hit the IP in the side of the hardhat resulting in an injury to the IP's neck. The IP was immobilised as a precautionary measure, treated as per symptoms and in readiness for medivac to hospital for further assessment.
Pre-Tour Meeting	4	02 Sep 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	20	02 Sep 2008	0 Days	9 x hot work permits 11 x cold work permits
Rig Inspection	1	30 Aug 2008	3 Days	Conducted 1 by Santos STOP audit. Welding Shop: Stopped welder from working and inspected his permit for validity, OK. We then inspected the workshop for any hazards, found a steel plate leaning against a fire extinguisher. Removed plate away, no other changes required.
Safety Audit	1	30 Jul 2008	34 Days	EHSMS audit conducted onboard.
Safety Meeting	3	31 Aug 2008	2 Days	Reviewed stop cards for the week and awarded Santos best stop card to Brendan Palmer. Reviewed 3 safety alerts and 2 Tech alerts. Discussed the fire drill in the shale shaker house.
Santos Induction	3	02 Sep 2008	0 Days	Conducted Santos induction to new personnel to site after DODI induction.
Stop Observations	57	02 Sep 2008	0 Days	38 - Safe 19 - Corrective Actions
STOP Tour	0	02 Sep 2008	0 Days	Submitted Diamond supervisor audits.

Shakers, Volumes and Losses Data				Engineer : Carissa Thompson / Fius Siregar			
Available	325.6m ³	Losses	0.0m ³	Equip.	Descr.	Mesh Size	Hours
Active	0.0m ³	Downhole		Centrifuge 1	MI SW FVS 518		
Mixing		Surf+ Equip	0.0m ³	Centrifuge 2	MI SW FVS 518		
Hole	0.0m ³	Dumped	0.0m ³	Shaker 3	MI SW - BEM 650	10/10/20/20/20/20	
Slug		De-Sander		Shaker 4	MI SW - BEM 650	10/10/20/20/20/20	
Reserve	106.0m ³	De-Silter		Shaker 5	MI SW - BEM 650	10/10/20/20/20/20	
Kill	0.0m ³	Centrifuge		Shaker 6	MI SW - BEM 650	10/10/20/20/20/20	
KCL/Gly	219.6m ³						
Comment	Reserve volume = SW/PacR.						

Marine								Rig Support		
Weather check on 02 Sep 2008 at 24:00										
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Chain out (m)	Tension (mt)
18.5km	19km/h	190.0deg	1028.00bar	11.0C°	1.0m	190.0deg	6sec	1	1353.0	127.91
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.5deg	0.4deg	0.70m	4.0m	240.0deg	12sec					
Rig Dir.	Ris. Tension	VDL	Comments							
217.0deg	0.00mt	1062.77mt								
								2	1372.8	132.90
								3	1386.8	132.00
								4	1414.0	128.82
								5	1365.8	136.99
								6	1389.9	127.01
								7	1393.9	132.90
								8	1389.9	132.00

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip		21:15 hrs 2/09/08	On transit to Portland for 0800hr pilot.	Item	Unit	Quantity
				Fuel	m3	579
				Potable Water	m3	416
				Drill Water	m3	340
				Gel	mt	59
				Cement	mt	0
				Barite	mt	84
				KCl Brine	m3	113
				NaCl Brine	m3	0
				Mud	m3	117
Nor Captain	04:15 hrs 1/09/08		On location Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	426
				Potable Water	m3	285
				Drill Water	m3	495
				Gel	mt	0
				Cement	mt	0
				Barite	mt	82
				KCl Brine	m3	0
				NaCl Brine	m3	0
				Mud	m3	80

Helicopter Movement				
Flight #	Time	Destination	Comment	Pax
GYJ	11:09	Ocean Patriot		10
GYJ	11:20	Essendon		8