

From : Chris Roots / Nathan Peri
OIM : Dennis Gore

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	\$732,428
Rig	Ocean Patriot	Days from spud	10.87	Shoe TVD	652.0m	Cum Cost	\$15,687,340
Water Depth (LAT)	66.3m	Days on well	11.58	F.I.T. / L.O.T.	/	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Ran and set the 330mm (13") Wear Bushing. POH.				
RT-ML	87.8m	Planned Op	Pick up the 311mm BHA and TIH. Make up the test tool to the drill string and run and set the test tool in the wellhead (BHA below). Test the BOPs. Continue running to bottom, tag cement. Drill out the shoe track and displace to SW/PacR. Drill 3m new formation. Conduct LOT, drill ahead.				
Rig Heading	217.0deg						

Summary of Period 0000 to 2400 Hrs

Function tested BOPs on the Normar carrier prior to running. Moved the BOP over to hole center and made up to the riser. Run BOPs to bottom, landed and latched same. Overpulled to confirm successful latch. Scoped out the slip joint and installed the diverter. Broke out the Deepsea Express cement head. Laid out the 445mm (17.5") BHA.

Operations For Period 0000 Hrs to 2400 Hrs on 04 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SC	P	BOP	0000	0430	4.50	657.0m	Picked up the BOP test pipe and set it in the BOPS. Function tested the BOPs on both pods.
SC	P	RR1	0430	0630	2.00	0.0m	Moved the BOP below the rotary table. Lowered the riser down and made up to the BOPs. Inserted guideline wires and connected blue and yellow podline tensioners.
SC	P	RR1	0630	0830	2.00	657.0m	Installed the beacon arm, picked up BOPs, removed Normar carrier and lowered the BOPs through the splash zone. Installed the test tool, pressure tested the choke and kill lines to 2.1 / 34.5 MPa (300/5000psi) for 5/10 minutes.
SC	P	RR1	0830	1700	8.50	657.0m	Picked up slip joint and landing joint. Rigged up choke, kill and booster goose necks to the slip joint. Made up the podline storm saddles and tied off. Attached the SDL ring, lowered BOPs down and attached the MRT's to the SDL ring. Moved the rig back over well center. Attached guideline #3 and tensioned the guidelines.
SC	P	RR1	1700	1800	1.00	657.0m	Landed and latched the BOPs. Conducted a 22.2 kdaNm (50klbs) overpull on both pods to confirm successful latch. Installed RBQ plate to the pod reels. BOP bullseye 0.0° after landed.
SC	P	PT	1800	1900	1.00	657.0m	Closed the shear rams and pressure tested the casing to 1.4 / 20.7 MPa (200/3000psi) for 5/10 minutes.
SC	P	RR1	1900	2100	2.00	657.0m	Scoped out the slip joint, laid out the landing joint. Made up the diverter and landed same. Overpulled 8.9 kdaNm (20klbs) to confirm diverter latched.
SC	P	HT	2100	2230	1.50	657.0m	Rigged down riser handling equipment.
SC	P	HT	2230	2330	1.00	657.0m	Picked up and broke out the Deepsea Express cement head.
SC	P	HBHA	2330	2400	0.50	657.0m	Picked up and laid out 242mm (9.5") drill collars, Anderdrift and stabilisers from the 445mm (17.5") BHA.

Operations For Period 0000 Hrs to 0600 Hrs on 05 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SC	P	HBHA	0000	0330	3.50	657.0m	Continued breaking out 242mm (9.5") drill collars and laying out.
SC	P	HBHA	0330	0600	2.50	0.0m	Picked up the Jet Sub, one stand drill pipe and the 330mm (13") Wear Bushing R/Tool. Installed the WB and placed a Fullbore tool 5m above the WB. RIH and jetted across the wellhead area. Landed the Wear Bushing, marked pipe with Index line. Rotated and set the wear bushing. POH.

WBM Data

Cost Today \$ 0

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:	0.101MPa
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:	5
								Fann 100:	21
								Fann 200:	32
								Fann 300:	40
								Fann 600:	59

Comment: No treatment required.

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	8.6	0	430.6	
Potable Water	m3	30	29	0	318.0	
Drill Water	m3	0	0	0	595.0	

Personnel On Board		
Company	Comment	Pax
Santos		5
DOGC		52
ESS		8
BHI		5
Dowell		2
Rheochem		1
MI Swaco		1
TMT		7
Cameron		1
Schlumberger Drilling & Measurements	MWD / LWD	3
Santos	Geologist	1
Schlumberger Drilling & Measurements	Directional	2
DOGC Service	Scaffolders	3
Santos	Drilling Supt	1
Total		92

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	4 Days	Abandon drill completed after the simulated fire was under control. Completed full muster at the forward lifeboats at 11:02hrs.
Environmental Audit	1	03 Sep 2008	1 Day	Rig visit by DPI. Conducted an environmental audit on Santos operation.
Fire Drill	1	31 Aug 2008	4 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	22 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	29	04 Sep 2008	0 Days	Drill crew - 1 Deck Crew - 15 Welder - 3 Marine - 2 Subsea - 5 Mech - 3
Lost Time Incident	1	30 May 2008	97 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	22 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	04 Sep 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	12	04 Sep 2008	0 Days	7 x hot work permits 5 x cold work permits
Rig Inspection	1	30 Aug 2008	5 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	36 Days	EHSMS audit conducted onboard.
Safety Meeting	3	31 Aug 2008	4 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	0	04 Sep 2008	0 Days	Conducted Santos induction to new personnel to site after DODI induction.
Stop Observations	71	04 Sep 2008	0 Days	40 - Safe 31 - Corrective Actions
STOP Tour	1	04 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					
Mixing		Surf+ Equip	0.0m ³				
Hole	0.0m ³	Dumped	0.0m ³				
Slug		De-Sander					
Reserve	106.0m ³	De-Silter					
Kill	0.0m ³	Centrifuge					
KCL/Gly	219.6m ³						
Comment	Reserve volume = SW/PacR.						

Marine								Rig Support		
Weather check on 04 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	130.0deg	1024.00bar	9.0C°	0.5m	130.0deg	3sec	1	1353.0	125.19
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.4deg	0.3deg	1.00m	3.0m	230.0deg	12sec					
Rig Dir.	Ris. Tension	VDL	Comments							
217.0deg	136.08mt	955.72mt								
								8	1389.9	128.82

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	21:45 hrs 3/09/08		On location Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	558
				Potable Water	m3	405
				Drill Water	m3	340
				Gel	mt	59
				Cement	mt	45.5
				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	399
				Potable Water	m3	275
				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	11:00	Ocean Patriot		4
GYJ	11:11	Essendon		8