

**From : Peter Devine / Rohan Richardson**  
**OIM : Rod Dotson**

### Well Data

Country	Australia	Measured Depth	1944.0m	Current Hole Size	216mm	AFE Cost	\$39,506,831
Field		TVD	1681.0m	Casing OD	244mm	AFE No.	5746046
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	1936.0m	Daily Cost	\$773,347
Rig	Ocean Patriot	Days from spud	6.12	Shoe TVD	1680.0m	Cum Cost	\$25,100,972
Water Depth (LAT)	65.4m	Days on well	6.13	F.I.T. / L.O.T.	/	Planned TD	2503.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Continuing to RIH from 800 m.				
RT-ML	86.9m	Planned Op	RIH, drill out plugs and float collar, displace well to DIF mud and drill out shoe. Drill ahead 216 mm (8 1/2") hole as per directional programme.				
Rig Heading	215.0deg						

### Summary of Period 0000 to 2400 Hrs

Cemented casing and p/t same. Set 273 mm (10 3/4") casing hanger seal assembly and completed p/t on BOP's. Unlatched CHSART tool from casing hanger and POOH. Laid out CHSART stand, cement head stand and 311 mm (12 1/4") BHA. Picked up and commenced running BHA.

### Formations

Name	Top (MD)	Top (TVD)	Comment
K85 Unconformity	1783.0m	1673.6m	
Waarre A	1792.0m	1683.1m	

### Operations For Period 0000 Hrs to 2400 Hrs on 08 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	CMC	0000	0100	1.00	1944.0m	Continued to displace casing, pumped total 712 m3 (448 bbls) of 1.3 sg (11.1 ppg) mud, bumped plug with 6.9 MPa (1000 psi). Changed over to cement unit and p/t casing to 27.6 MPa (4000 psi) for 10 min, ok. Bled back 0.3 m3 (1.75 bbls) of mud, floats holding.
IC	P	WH	0100	0300	2.00	1944.0m	Set 273 mm (10 3/4") casing hanger seal assembly. Close LPR's and p/t to 34.5 MPa (5000 psi) down kill line to confirm seat, ok.
IC	P	BOP	0300	0730	4.50	1944.0m	P/t BOPs and function tested both pods as below: Test #1 - LPR, seal ass, CMV #8, 15, 16 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #2 - UPR, OC, CMV #7, 19, 20 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #3 - UPR, IC, CMV # 14, 27, 28 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #4 - UPR, CMV #1, CMV #31, 32 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #5 - UPR, CMV #3 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #6 - UPR, LIK, CMV # 5, 7, 11, 12 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #7 - UPR, CMV #2, 6, 8, 17, 18 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #8 - UPR, CMV #4, 25, 26 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #9 - UPR, LIK, CMV# 29, 30 for 5/10 min to 1.4/27.6 MPa (200/4000 psi) Test #10 - LA, UOK for 5/10 min to 1.4/20.7 MPa (200/3000 psi) Test #11 - UA, UIK for 5/10 min to 1.4/20.7 MPa (200/3000 psi)
IC	P	TO	0730	0830	1.00	1944.0m	Unlatched CHSART tool from casing hanger and pulled free with, 2.2 t (5 klbs) overpull. Racked back cement stand and POOH CHSART.
IC	P	HT	0830	0900	0.50	1944.0m	Broke and laid out cement basket, subsea tool and CHSART.
IC	P	HT	0900	0930	0.50	1944.0m	Rigged down 500 T bails, rigged up 350 T bails and DP elevators.
IC	P	HT	0930	1030	1.00	1944.0m	Laid out cement head.
IC	P	HBHA	1030	1800	7.50	1944.0m	RIH 311 mm (12 1/4") BHA, 241 mm (9 1/2") DC and 203 mm (8") DC from derrick, POOH and laid out same.
PH	P	PT	1800	2230	4.50	1944.0m	Rigged up and p/t surface equipment TDS, upper I-BOP, lower I-BOP, kelly hose, grey valve and TIW valve for 5/10 min to 1.75/34.5 MPa (250/5000 psi). P/t shear rams and casing for 5/10 min to 1.75/27.6 MPa (250/4000 psi).
PH	P	HBHA	2230	2400	1.50	1944.0m	Picked up and made up 216 mm (8 1/2") BHA and RIH to 25 m.

### Operations For Period 0000 Hrs to 0600 Hrs on 09 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	HBHA	0000	0330	3.50	1944.0m	Continued to pick up and make up 216 mm (8 1/2") BHA from 25 m to 183 m. Conducted shallow hole test on HWDP, pulled back to LWD tool and loaded source. RIH and performed shallow hole test at HWDP, ok.
PH	P	TI	0330	0430	1.00	1944.0m	Continued to RIH from 183 m to 529 m.
PH	P	RS	0430	0500	0.50	1944.0m	Serviced TDS, blocks and dolly.
PH	P	TI	0500	0600	1.00	1944.0m	(IN PROGRESS) Continued to RIH from 529 m to 1830 m. Broke each joint and cleaned out cement contamination. Broke circulation every 10 joints to confirm MWD tool signal and serviceability. Cement contamination on tool joints from 847 m to 1482 m.

WBM Data		Cost Today							
Mud Type:	WFW	API FL:	4cm <sup>3</sup> /30m	KCl:	0%	Solids:	1.62	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:	1mm	Hard/Ca:	200	H <sub>2</sub> O:	98%	PV:	0.010Pa/s
Time:	21:00	HTHP-FL:		MBT:	0	Oil:		YP:	0.129MPa
Weight:	1.14sg	HTHP-Cake:		PM:	0.3	Sand:	0.2	Gels 10s:	0.048
Temp:				PF:	0.13	pH:	9.5	Gels 10m:	0.057
						PHPA:	Oppb	Fann 003:	10
								Fann 006:	12
								Fann 100:	24
								Fann 200:	31
								Fann 300:	37
								Fann 600:	47
Comment		Transferred vol from pit 3 to pit 1 and 2. Cleaned and flushed pit 3 in preparation for DIF fluid. Received 450 bbls of 9.5 ppg Wellflow DIF from Far Grip. Treated with 0.5 ppb Xanvis. Treated KCL mud with Idcide in preparation for back loading.							

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	Comment
Barite	mT	0	0	0	84.0	
Gel	mT	0	0	0	53.0	
Cement	mT	0	20	0	70.0	
Fuel	m3	0	8.6	0	413.5	
Potable Water	m3	31	39	0	361.0	
Drill Water	m3	0	12	0	764.0	

Personnel On Board		
Company	Comment	Pax
Santos		5
Santos		2
DOGC		43
ESS		8
BHI		9
Dowell		2
Rheochem		2
TMT		6
Anadrill		3
Anadrill		3
Weatherford		2
MI Swaco		1
Cameron		2
DOGC Service		7
Schlumberger Testing		2
Total		97

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).
244mm	/	1936.00/	

<b>HSE Summary</b>				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	03 Aug 2008	5 Days	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	6 Days	No night SOC on rig, unable to get a firm commitment from DODI to fill position.
Fire Drill	1	03 Aug 2008	5 Days	Simulated a fire in the cement room at 10:32. Fire under control at 10:42.
First Aid	1	04 Aug 2008	4 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	4 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	30	08 Aug 2008	0 Days	Drill crew - 13 Deck Crew - 13 Mechanic - 1 Electrician - 3
Lost Time Incident	1	30 May 2008	70 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	15 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	08 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	15	08 Aug 2008	0 Days	6 x hot work permits 9 x cold work permits
Safety Audit	1	30 Jul 2008	9 Days	EHSMS audit conducted onboard.
Safety Meeting	3	03 Aug 2008	5 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	08 Aug 2008	0 Days	Inducted new personnel to site
Stop Observations	39	08 Aug 2008	0 Days	21 - Safe 18 - Corrective Actions
STOP Tour	1	03 Aug 2008	5 Days	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	8 Days	Sounded the alarm on the drill floor for a kick drill. Crew reacted and had the FOSV in place within 35 seconds.

<b>Shakers, Volumes and Losses Data</b>				Engineer : Carissa Thompson / Fius Siregar			
Available	391.1m <sup>3</sup>	Losses	40.1m <sup>3</sup>	Equip.	Descr.	Mesh Size	Hours
Active	95.9m <sup>3</sup>	Downhole		Centrifuge 1	MI SW FVS 518		1
Mixing	0.0m <sup>3</sup>	Surf+ Equip	0.0m <sup>3</sup>	Centrifuge 1	MI SW FVS 518		10
Hole	89.0m <sup>3</sup>	Dumped	2.2m <sup>3</sup>	Centrifuge 2	MI SW FVS 518		1
Slug				Centrifuge 2	MI SW FVS 518		10
Slug		De-Sander		Shaker 3	Bem 650 - MI SW	20 / 20 230 HC x 4	24
Reserve	57.1m <sup>3</sup>	De-Silter		Shaker 3	Bem 650 - MI SW	20 / 20 200 HC x 4	2
Kill		Centrifuge	12.6m <sup>3</sup>	Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	24
Storage	149.1m <sup>3</sup>	Left downhole behind casing	25.3m <sup>3</sup>	Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	2
				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	2
				Shaker 6	Bem 650 - MI SW	20 / 20 230 HC x 4	24
				Shaker 6	Bem 650 - MI SW	20 / 20 200 HC x 4	2

Marine								Rig Support		
Weather check on 08 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)
18.5km	33km/h	240.0deg	1018.00bar	9.0C°	0.5m	240.0deg	3sec	1	1382.9	118.84
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.7deg	0.4deg	1.00m	2.3m	280.0deg	12sec					
Rig Dir.	Ris. Tension	VDL		Comments				2	1382.9	125.19
215.0deg	124.74mt	922.61mt					3	1399.9	138.80	
								4	1376.8	150.14
								5	1410.9	155.13
								6	1421.0	120.20
								7	1410.9	120.20
								8	1414.0	135.17

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	03:00 hrs 06.08.08		Standby Ocean Patriot	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Fuel	m3	447
				Potable Water	m3	292
				Drill Water	m3	220
				KCl Brine	m3	140
				NaCl Brine	m3	185
				Mud	m3	30
				Cement	mT	43.5
				Barite	mT	84
Gel	mT	59				
Nor Captain	16:30 hrs 08.08.08		Standby Ocean Patriot	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Fuel	m3	424.5
				Potable Water	m3	320
				Drill Water		293
				Cement	mT	38
				Gel	mT	42
				Barite	mT	28

Helicopter Movement					
Flight #	Time	Destination	Comment	Pax	
GYJ	11:46	Ocean Patriot		11	
GYJ	12:00	Essendon		14	