

From : Peter Devine/ Rohan Richardson							
OIM : Rod Dotson							
Well Data							
Country	Australia	Measured Depth	2047.0m	Current Hole Size	311mm	AFE Cost	\$41,512,831
Field		TVD	1716.0m	Casing OD	340mm	AFE No.	5746043
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	652.0m	Daily Cost	\$790,235
Rig	Ocean Patriot	Days from spud	32.87	Shoe TVD	652.0m	Cum Cost	\$34,244,868
Water Depth (LAT)	66.3m	Days on well	10.79	F.I.T. / L.O.T.	/ 2.20sg	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600 Continue to work casing with 1.2 sg (10 ppg) mud in hole.					
RT-ML	87.8m	Planned Op Set cement abandonment plug, back off casing and POOH.					
Rig Heading	217.0deg	Spotted citric acid/SAPP pill and attempted to work casing free.					

Summary of Period 0000 to 2400 Hrs

RIH 273 mm (10 3/4") casing from 1808 m to 1913 m. Casing became stuck at 1913 m. Lowered mud weight and continued attempts to work casing free.

Formations

Name	Top (MD)	Top (TVD)	Comment
Massacre Shale	1207.0m	1189.1m	33.3m Low
Timboon Fm	1222.0m	1202.2m	36.4m Low
Paarratte Fm	1443.0m	1382.3m	28.5m Low
Skull Creek Mudstone	1682.0m	1564.0m	19.7m Low

Operations For Period 0000 Hrs to 2400 Hrs on 26 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	CRN	0000	0100	1.00	2047.0m	Continued to RIH 273 mm (10 3/4") casing from 1808 m to 1868 m. Casing continued to drag 8.9-22 t (20 - 50 klbs) below average running weight, 133 t (300 klbs inc blocks).
IC	P	CRN	0100	0230	1.50	2047.0m	Made up 273 mm (10 3/4") by (4 1/2") IF water bushing to casing joint on drill floor. Made up casing joint to casing string and TDS to water bushing. Washed casing in from 1868 m to 1913 m with 484 L/min (128 GPM).
IC	TP (SP)	CRN	0230	0600	3.50	2047.0m	Attempted to run joint #39 273 mm (10 3/4") casing, unsuccessful. Casing stuck, no up/down movement no rotation, full circulation. Varied parameters from 67-289 t (150 - 650 klbs), 0-27.1 kNm (0-20 kft.lbs) torque, 0-969 L/min (0-256 GPM) flow rate. Pipe rotated 1/4 turn with 27.1 kNm (20 kft.lbs) Performed pull test to calculate stuck point: Test #1: Starting weight 156 t (350 klbs), final weight 178 t (400 klbs), distance travelled 178 mm (7"). Test #2: Starting weight 156 t (350 klbs), final weight 200 t (450 klbs), distance travelled 241 mm (9.5").
IC	TP (SP)	CRN	0600	2400	18.00	2047.0m	Made up 15.9 m3 (100 bbl) of 1.14 sg (9.5 ppg) citric acid/SAPP pill and displaced into annulus from 1850 m to 1300 m circulating through choke and holding back pressure on annulus to avoid u-tubing, shut in pressure on choke manifold 0.45 MPa (65 psi). Pumped 4.8 m3 (30 bbl) mud to move pill from 1700 m to 1150 m. Allowed pill to soak and continued to work pipe. Pipe increased rotation to 3/4 turn with 27.1 kNm (20 kft.lbs). Circulated pill out and continued to work pipe with 67-355 t (150 - 800 klbs), 0-27.1 kNm (0-20 kft.lbs) torque, 0-969 L/min (0-256 GPM) flow rate, while reducing mud weight to 1.2 sg (10 ppg).

Operations For Period 0000 Hrs to 0600 Hrs on 27 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	TP (SP)	CRN	0000	0600	6.00	2047.0m	(IN PROGRESS) Continued attempting to work casing free while reducing mud weight to 1.2 sg, (10 ppg).

WBM Data

Cost Today \$ 0

Mud Type:	KCL/GLY	API FL:	4cm³/30m	KCl:	11%	Solids:	14	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:		Hard/Ca:	720	H2O:	85%	PV:	0.029Pa/s
Time:	22:00	HTHP-FL:		MBT:	10	Oil:		YP:	0.158MPa
Weight:	1.44sg	HTHP-Cake:	1mm	PM:	0.1	Sand:	0.25	Gels 10s:	0.043
Temp:				PF:	0.05	pH:	8.5	Gels 10m:	0.158
						PHPA:	1ppb	Fann 003:	9
								Fann 006:	11
								Fann 100:	35
								Fann 200:	50
								Fann 300:	62
								Fann 600:	91

Comment DIF fluid in pit 5 contaminated with 13 bbls of KCL/Gly/PHPA mud when mud pressure safety valve activated.

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	Comment
Barite	mT	83	1	0	138.0	
Gel	mT	0	0	0	33.0	
Cement	mT	0	0	0	94.0	
Fuel	m3	0	10.8	0	430.7	
Potable Water	m3	35	29	0	362.0	
Drill Water	m3	0	88	0	622.0	

Personnel On Board		
Company	Comment	Pax
Santos		3
DOGC		47
ESS		8
BHI		6
Dowell		2
Rheochem		2
MI Swaco		1
TMT		6
Cameron		1
Schlumberger Drilling & Measurements	MWD / LWD	3
Santos	Geologist	2
Schlumberger Drilling & Measurements	Directional	3
Premium Casing Services		6
Taylor Brothers		2
DOGC		1
SMITH		1
Total		94

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	21 Sep 2008	5 Days	Abandon drill completed after the simulated fire drill under control. Alarm sounded at 10:29 hrs, initial muster completed at 10:42 hrs, full muster completed at 10:52 hrs. Some personnel who were woken reported to incorrect muster station due to not hearing the PA. Control - personnel responsible for checking rooms to communicate announcements and check understanding.
Environmental Audit	1	03 Sep 2008	23 Days	Rig visit by DPI. Conducted an environmental audit on Santos operation.
Fire Drill	1	21 Sep 2008	5 Days	Simulated a fire on the port box girder oil drums. Alarm sounded at 10:29 hrs, emergency under control at 10:38 hrs. Rescue and fire teams discussed scenario and resolution.
First Aid	1	06 Sep 2008	20 Days	IP was needle gunning when his right hand slipped off the gun and the right index finger went under the needles of the gun causing a 3cm laceration. The finger was treated and the IP resumed full duties.
JHA	17	26 Sep 2008	0 Days	Drill crew - 4 Deck Crew - 10 Welder - 3
Lost Time Incident	1	30 May 2008	119 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	44 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	26 Sep 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	10	26 Sep 2008	0 Days	8 x hot work 2 x cold work
Safety Audit	1	29 Jul 2008	59 Days	Santos environment audit conducted.
Safety Audit	1	30 Jul 2008	58 Days	EHSMS audit conducted onboard.
Safety Meeting	3	21 Sep 2008	5 Days	Reviewed stop cards for the week and awarded Santos Stop card winner to Gavin Shaw and Jamie Durnin. Discussed the fire drill and the scenario of a fire on the port side box girder. Reviewed DODI alcohol and drug policy.
Santos Induction	1	26 Sep 2008	0 Days	Inducted new personnel to site after DODI rig wide induction.
Stop Observations	37	26 Sep 2008	0 Days	15 - Safe 22 - Corrective Actions
STOP Tour	1	26 Sep 2008	0 Days	Submitted 3 by Diamond supervisor Stop audit.

Shakers, Volumes and Losses Data				Engineer : Kellie Jericho / Carrisa			
Available	288.4m ³	Losses	88.4m ³	Equip.	Descr.	Mesh Size	Hours
Active	58.5m ³	Downhole	0.0m ³				
Mixing		Surf+ Equip	8.6m ³				
Hole	150.4m ³	Dumped	52.6m ³				
Slug	0.0m ³	De-Sander					
Reserve	77.4m ³	De-Silter					
Kill	0.0m ³	Centrifuge	27.2m ³				
Storage	2.1m ³						

Marine								Rig Support		
Weather check on 26 Sep 2008 at 24:00								Anchors	Chain out (m)	Tension (mt)
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	1	1353.0	92.08
18.5km	9km/h	170.0deg	1016.00bar	13.0C°	0.2m	170.0deg	3sec	2	1372.8	110.22
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.4deg	0.4deg	0.50m	1.5m	240.0deg	12sec					
Rig Dir.	Ris. Tension	VDL	Comments							
217.0deg	122.47mt	1023.76mt								
								7	1393.9	89.81
								8	1389.9	88.00

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	21:15 hrs 26/09/08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	194
				Potable Water	m3	280
				Drill Water	m3	340
				Gel	mt	59
				Cement	mt	0
				Barite	mt	0
				KCl Brine	m3	9
				NaCl Brine	m3	0
				Mud	m3	43.7
Nor Captain		22:55 hrs 26/09/08	On steam to Portland	Item	Unit	Quantity
				Fuel	m3	549.8
				Potable Water	m3	262
				Drill Water	m3	414
				Gel	mt	42
				Cement	mt	0
				Barite	mt	0
				KCl Brine	m3	0
				NaCl Brine	m3	0
				Mud	m3	60

Helicopter Movement					
Flight #	Time	Destination	Comment	Pax	
BYV	11:12	Ocean Patriot	Fisherman.	7	
BYV	11:27	Essendon		8	
BYV	16:36	Ocean Patriot		1	
BYV	16:41	Essendon		0	