

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	\$867,689
Rig	Ocean Patriot	Days from spud	37.87	Shoe TVD	652.0m	Cum Cost	\$38,017,233
Water Depth (LAT)	66.3m	Days on well	15.79	F.I.T. / L.O.T.	/ 2.20sg	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600 Continue attempting to work past obstruction.					
RT-ML	87.8m	Planned Op POOH and change out BHA for new. RIH and kick off cement plug.					
Rig Heading	217.0deg						

Summary of Period 0000 to 2400 Hrs

P/t BOP's and POOH weight set test tool. Made up 311 mm (12 1/4") BHA, RIH and performed shallow hole test at first HWDP, unsuccessful. POOH and serviced tools. RIH and became wedged between casing swedge and wellhead.

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 01 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	BOP	0000	0500	5.00	2047.0m	Continued to p/t BOP's and function test both pods, one from drillers console and one from the rig office remote station.
IC	P	BOP	0500	0600	1.00	2047.0m	POOH and laid out weight set test tool.
IC	P	BOP	0600	0830	2.50	2047.0m	Rigged up and tested TDS, standpipe valves, IBOP and floor safety valves.
IC	P	HBHA	0830	1130	3.00	2047.0m	Picked up 311 mm (12 1/4") BHA and RIH to first HWDP. Note: Hung up at 93 m, rotated 1/4 turn and continued to RIH BHA.
IC	TP (VE)	TI	1130	1200	0.50	2047.0m	Attempted to shallow test MWD tools, unsuccessful. No signal from tools to surface.
IC	TP (VE)	TO	1200	1300	1.00	2047.0m	POOH from 125 m to LWD/MWD/DD tools. Tested connections on drill floor unsuccessful. Unable to get signal through tool string.
IC	TP (VE)	HBHA	1300	1430	1.50	2047.0m	Laid out LWD/MWD/DD tools and serviced same on deck. Simultaneous Operations: Completed rig service on TDS.
IC	TP (VE)	HBHA	1430	1600	1.50	2047.0m	Picked up 311 mm (12 1/4") BHA and RIH to 70 m.
IC	TP (VE)	TI	1600	1630	0.50	2047.0m	Attempted to shallow test MWD tools, unsuccessful. Replacement tools on route to rig, continued to RIH to dress and prepare cement kick off plug.
IC	TP (SP)	TI	1630	1800	1.50	2047.0m	Unable to pass casing Swage at 93 m. Checked bulls eye reading on LMRP and re-positioned rig. Attempted to pass obstruction varying parameters, 0-4164 L/min (0-1100 GPM), 0-100 RPM, 0-11.3 t (0-25 klbs) WOB. Attempted to POOH, unsuccessful. Unable to pull up past 86.5 m. Attempted to work past with 0-20 RPM, 0-9 t (0-20 klbs), unsuccessful. String became wedged, worked free.
IC	TP (SP)	TI	1800	2400	6.00	2047.0m	Sat down on Swage with 9-11.6 t (20-25 klbs) WOB, 100 RPM and 4164 L/min (1100 GPM) and attempted to ream obstruction. Monitored ditch magnet for debris and attempted to POOH every 30 min with 2.3 t (5 klbs). Worked down to Swedge and varied parameters attempting to work past obstruction, unsuccessful. Continued to ream obstruction.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	TP (SP)	TI	0000	0600	6.00	2047.0m	Sat down on Swage with 9-11.6 t (20-25 klbs) WOB, 100 RPM and 4164 L/min (1100 GPM) and attempted to ream obstruction. Monitored ditch magnet for debris and attempted to POOH every 30 min with 2.3 t (5 klbs). Worked down to Swedge and varied parameters attempting to work past obstruction including changing DD tool settings, unsuccessful. Continued to ream obstruction. Started to return 50 g of 30-40 mm metal cuttings on ditch magnet and torque fluctuated from 6.8-10.8 kNm (5-8 kft.lbs). Stopped reaming and attempted to work free of obstruction varying parameters.

WBM Data		Cost Today \$ 10794							
Mud Type:	KCL/GLY	API FL:	6cm ³ /30m	KCl:	10%	Solids:	6.31	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:		Hard/Ca:	780	H2O:	94%	PV:	0.017Pa/s
Time:	23:30	HTHP-FL:		MBT:	5.6	Oil:		YP:	0.129MPa
Weight:	1.20sg	HTHP-Cake:	1mm	PM:	0.4	Sand:	0.2	Gels 10s:	0.034
Temp:				PF:	0.2	pH:	9.2	Gels 10m:	0.086
						PHPA:	1ppb	Fann 003:	9
								Fann 006:	11
								Fann 100:	28
								Fann 200:	37
								Fann 300:	44
								Fann 600:	61
Comment		Continued to build premix and weight up to 10 ppg. Treated active with sodium bicarb, citric acid and xanthem gum. Commenced adding PHPA.							

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance	Comment	
Barite	mT	77	18	0	188.0		
Gel	mT	0	0	0	33.0		
Cement	mT	0	0	0	46.0		
Fuel	m3	200	18.1	0	571.5		
Potable Water	m3	0	24	0	345.0		
Drill Water	m3	28	82	0	674.0		

Personnel On Board		
Company	Comment	Pax
Santos		3
DOGC		49
ESS		8
BHI		6
Dowell		2
Rheochem		2
MI Swaco		1
TMT		6
Cameron		1
Santos	Geologist	2
Schlumberger Drilling & Measurements	Directional	6
Premium Casing Services		1
Total		87

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	28 Sep 2008	3 Days	Abandon drill completed after the simulated fire drill under control. Alarm sounded at 10:31 hrs, initial muster completed at 10:41 hrs, full muster completed at 10:49 hrs.
Environmental Audit	1	03 Sep 2008	28 Days	Rig visit by DPI. Conducted an environmental audit on Santos operation.
Fire Drill	1	28 Sep 2008	3 Days	Simulated a fire in the emergency generator room. Alarm sounded at 10:31 hrs, emergency under control at 10:42 hrs. Rescue and fire teams discussed scenario and resolution.
First Aid	1	01 Oct 2008	0 Days	IP struck on upper lip when removing float valve from float sub.
JHA	33	01 Oct 2008	0 Days	Drill crew - 11 Deck Crew - 16 Welder - 3 Mechanic - 3
Lost Time Incident	1	30 May 2008	124 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	49 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	01 Oct 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	13	01 Oct 2008	0 Days	6 x hot work 7 x cold work
Safety Audit	1	29 Jul 2008	64 Days	Santos environment audit conducted.
Safety Audit	1	30 Jul 2008	63 Days	EHSMS audit conducted onboard.
Safety Meeting	3	29 Sep 2008	2 Days	Reviewed stop cards for the week and awarded Santos Stop card winner to B Parker. Discussed the fire drill and the scenario of a fire in the emergency engine room. Reviewed abandon rig scenario.
Santos Induction	1	01 Oct 2008	0 Days	Inducted new personnel to site after DODI rig wide induction.
Stop Observations	36	01 Oct 2008	0 Days	21 - Safe 15 - Corrective Actions
STOP Tour	2	01 Oct 2008	0 Days	Submitted 2 by Diamond supervisor Stop audit.

Shakers, Volumes and Losses Data				Engineer : Kellie Jericho / Carrisa			
Available	310.2m ³	Losses	10.9m ³	Equip.	Descr.	Mesh Size	Hours
Active	81.9m ³	Downhole					
Mixing		Surf+ Equip	6.3m ³				
Hole	71.4m ³	Dumped	4.6m ³				
Slug	0.0m ³	De-Sander					
Reserve	79.3m ³	De-Silter					
Kill	0.0m ³	Centrifuge					
Storage	77.6m ³						

Marine										
Weather check on 01 Oct 2008 at 24:00								Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Chain out (m)	Tension (mt)
18.5km	37km/h	300.0deg	1004.00bar	15.0C°	0.5m	300.0deg	3sec	1	1353.0	101.15
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	1372.8	94.80
0.5deg	0.3deg	0.70m	1.5m	220.0deg	12sec			3	1386.8	96.16
Rig Dir.	Ris. Tension	VDL	Comments					4	1414.0	99.79
217.0deg	122.47mt	1012.42mt						5	1365.8	97.98
								6	1389.9	102.06
								7	1393.9	96.16
								8	1389.9	94.80

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip		23:00 hrs 01/10/08	On steam to Portland, ETA 08:00 hrs.	Item	Unit	Quantity
				Fuel	m3	274
				Potable Water	m3	290
				Drill Water	m3	740
				Gel	mt	59
				Cement	mt	84
				Barite	mt	
				KCl Brine	m3	9
				NaCl Brine	m3	0
					m3	131
	m3	0				
Nor Captain	23:00 hrs 01/10/08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	410.6
				Potable Water	m3	242
				Drill Water	m3	165
				Gel	mt	42
				Cement	mt	0
				Barite	mt	42
				KCl Brine	m3	127
				NaCl Brine	m3	0
				Mud	m3	104

Helicopter Movement

Flight #	Time	Destination	Comment	Pax
BYV	11:08	Essendon		1
BYV	11:08	Ocean Patriot		3
BYV	14:06	Ocean Patriot	Freight Flight	0
BYV	14:37	Essendon	Freight Flight	0