

From : Peter Devine/ Rohan Richardson
OIM : Dennis Gore

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	\$770,562
Rig	Ocean Patriot	Days from spud	28.87	Shoe TVD	652.0m	Cum Cost	\$30,543,165
Water Depth (LAT)	66.3m	Days on well	6.79	F.I.T. / L.O.T.	/ 2.20sg	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Continue to wash and ream in from 1662 m.				
RT-ML	87.8m	Planned Op	Wash and ream to TD, pump hi-vis sweep, circulate hole clean and POOH.				
Rig Heading	217.0deg						

Summary of Period 0000 to 2400 Hrs

POOH 244 mm (9 5/8") casing, RIH and set wear bushing in wellhead, made up BHA for wiper trip and RIH to 951 m.

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 22 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	U (HC)	TO	0000	1115	11.25	2047.0m	Continued to POOH 244 mm (9 5/8") casing from 1006 m to 140 m.
IC	U (HC)	TO	1115	1145	0.50	2047.0m	Shut down cranes due to helicopter on deck. Serviced casing tong and cleaned rig floor.
IC	U (HC)	TO	1145	1330	1.75	2047.0m	Continued to POOH 244 mm (9 5/8") casing from 140 m to 37 m.
IC	U (HC)	TO	1330	1500	1.50	2047.0m	Broke out shoe track Baker-locked joints with rig tongs 61 - 72 kNm (45 - 53 kft.lbs) torque and laid out same.
IC	U (HC)	HT	1500	1600	1.00	2047.0m	Rigged down 244 mm (9 5/8") casing handling gear and rigged up to run DP. Cleaned up drill floor.
IC	U (HC)	WH	1600	1900	3.00	2047.0m	Picked up and RIH wear bushing, set down 4.4 t (10 klbs), backed out running tool and POOH.
IC	U (HC)	WT	1900	2100	2.00	2047.0m	Picked up and made up 311 mm (BHA) to 201 m.
IC	U (HC)	WT	2100	2200	1.00	2047.0m	Continued to RIH from 201 m to 640 m.
IC	P	RS	2200	2300	1.00	2047.0m	Serviced TDS and blocks. Tested TDS torque settings from SCR room.
IC	U (HC)	WT	2300	2400	1.00	2047.0m	Continued to RIH from 640 m to 951 m.

Operations For Period 0000 Hrs to 0600 Hrs on 23 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	U (HC)	WT	0000	0130	1.50	2047.0m	Continued to RIH from 951 m to 1481 m.
IC	U (HC)	WT	0130	0600	4.50	2047.0m	Unable to pass bridge at 1481 m. Made up TDS, washed and reamed in hole from 1481 m to 1662 m with 3785 L/min (1000 GPM) and 150 RPM. After each stand worked free, attempted to work conventionally, unsuccessful. Unable to RIH with string weight slacking off to 27 t (60 klbs). Pipe pulled free continuously. Heavy returns observed at shakers at times with some fine sand and filter cake initially.

WBM Data		Cost Today \$ 5145							
Mud Type:	KCL/GLY	API FL:	4cm ³ /30m	KCl:	8%	Solids:	10	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:		Hard/Ca:	540	H ₂ O:	90%	PV:	0.024Pa/s
Time:	23:00	HTHP-FL:		MBT:	7.5	Oil:		YP:	0.163MPa
Weight:	1.31sg	HTHP-Cake:	0mm	PM:	0.1	Sand:	0.7	Gels 10s:	0.038
Temp:				PF:	0.05	pH:	9	Gels 10m:	0.072
						PHPA:	1ppb	Fann 003:	8
								Fann 006:	10
								Fann 100:	34
								Fann 200:	47
								Fann 300:	58
								Fann 600:	82
Comment		Added Flowzan to active to improve 6 rpm reading. Prepared to add more Flowzan once circulation commences. Received 51 mT barite from boat.							

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance	Comment	
Barite	mT	51	8	0	118.0		
Gel	mT	0	0	0	33.0		
Cement	mT	0	0	0	51.0		
Fuel	m3	0	10	0	488.0		
Potable Water	m3	20	20	0	393.0		
Drill Water	m3	11	40	0	355.0		

Personnel On Board		
Company	Comment	Pax
Santos		4
DOGC		47
ESS		8
BHI		6
Dowell		2
Rheochem		2
MI Swaco		1
TMT		6
Cameron		2
Schlumberger Drilling & Measurements	MWD / LWD	3
Santos	Geologist	1
Schlumberger Drilling & Measurements	Directional	3
Premium Casing Services		6
Taylor Brothers		2
DOGC		2
Total		95

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	21 Sep 2008	1 Day	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	19 Days	Rig visit by DPI. Conducted an environmental audit on Santos operation.
Fire Drill	1	21 Sep 2008	1 Day	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	16 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	23	22 Sep 2008	0 Days	Drill crew - 3 Deck Crew - 13 Mechanic - 5 Welder - 2
Lost Time Incident	1	30 May 2008	115 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	40 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	22 Sep 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	9	22 Sep 2008	0 Days	6 x hot work 3 x cold work
Safety Audit	1	29 Jul 2008	55 Days	Santos environment audit conducted.
Safety Audit	1	30 Jul 2008	54 Days	EHSMS audit conducted onboard.
Safety Meeting	3	21 Sep 2008	1 Day	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	22 Sep 2008	0 Days	Inducted new personnel to site after DODI rig wide induction.
Stop Observations	66	22 Sep 2008	0 Days	49 - Safe 17 - Corrective Actions
STOP Tour	3	22 Sep 2008	0 Days	Submitted 3 by Diamond supervisor Stop audit.

Shakers, Volumes and Losses Data				Engineer : Kellie Jericho / Carrisa			
Available	277.2m ³	Losses	8.4m ³	Equip.	Descr.	Mesh Size	Hours
Active	72.3m ³	Downhole					
Mixing		Surf+ Equip	8.4m ³				
Hole	162.3m ³	Dumped					
Slug	0.0m ³	De-Sander					
Reserve	42.6m ³	De-Silter					
Kill	0.0m ³	Centrifuge					
Storage							

Marine								Rig Support		
Weather check on 22 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	48km/h	270.0deg	1014.00bar	13.0C°	0.5m	270.0deg	3sec	1	1353.0	127.91
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.7deg	0.5deg	0.80m	3.0m	220.0deg	12sec					
Rig Dir.	Ris. Tension	VDL	Comments							
217.0deg	122.47mt	1011.97mt								
								8	1389.9	128.82

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip		15:30 hrs 22/09/08	On steam to Portland, ETA 08:00 hrs 23/09/08	Item	Unit	Quantity
				Fuel	m3	237
				Potable Water	m3	384
				Drill Water	m3	530
				Gel	mt	59
				Cement	mt	40.5
				Barite	mt	
				KCl Brine	m3	9
				NaCl Brine	m3	0
				Mud	m3	43.7
Nor Captain	15:00 hrs 22/09/08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	368
				Potable Water	m3	253
				Drill Water	m3	414
				Gel	mt	42
				Cement	mt	0
				Barite	mt	0
				KCl Brine	m3	0
				NaCl Brine	m3	0
				Mud	m3	0

Helicopter Movement				
Flight #	Time	Destination	Comment	Pax
BYV	11:40	Ocean Patriot		5
BYV	11:49	Essendon		5