

**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	\$715,237
Rig	Ocean Patriot	Days from spud	35.87	Shoe TVD	652.0m	Cum Cost	\$36,414,981
Water Depth (LAT)	66.3m	Days on well	13.79	F.I.T. / L.O.T.	/ 2.20sg	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	RIH cement stinger.				
RT-ML	87.8m	Planned Op	Set cement plugs from 1051 m to 800 m. POOH cement stinger and pull wear bushing. Commence p/t BOP's and choke manifold. Lay down fishing assembly from derrick and run wear bushing.				
Rig Heading	217.0deg						

**Summary of Period 0000 to 2400 Hrs**

RIH fishing assembly and attempted to jar casing free, unsuccessful. POOH fishing assembly and RIH casing cutter assembly. Cut casing at 1050 m and POOH. RIH fishing assembly and pulled casing free. POOH w/fish and laid out 16 joints of casing.

**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 29 Sep 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	TP (SCS)	FSH	0000	0030	0.50	2047.0m	Continued to RIH fishing assembly to top of fish (TOF) at 451 m.
IC	TP (SCS)	FSH	0030	0100	0.50	2047.0m	Serviced TDS and blocks. Completed pre-jar inspection of TDS.
IC	TP (SCS)	FSH	0100	0130	0.50	2047.0m	Held pre job safety meeting prior to engaging fish and jarring free. Set casing spear grapple and picked up to confirm same.
IC	TP (SCS)	FSH	0130	0400	2.50	2047.0m	Attempted to jar casing free with 45-54 t (100-120 klbs) overpull, unsuccessful. Pulled casing to 113 t (250 klbs) overpull and allowed rig heave to work same unsuccessful. Continued to jar and work pipe as above, unsuccessful.
IC	TP (SCS)	FSH	0400	0600	2.00	2047.0m	Slacked off weight and released grapple. POOH, racked back HWDP and laid out Itco spear fishing assembly.
IC	TP (SCS)	FSH	0600	0630	0.50	2047.0m	Picked up casing cutter assembly and tested same with 321 L/min (85 GPM), 0.7 MPa (100 psi).
IC	TP (SCS)	FSH	0630	0900	2.50	2047.0m	Run casing cutter assembly to 600 m.
IC	TP (SCS)	FSH	0900	0930	0.50	2047.0m	Picked up marine swivel assembly with x/over and bumper sub.
IC	TP (SCS)	FSH	0930	1100	1.50	2047.0m	Continued to RIH casing cutter assembly from 600 m to 1052 m.
IC	TP (SCS)	FSH	1100	1200	1.00	2047.0m	Landed out on top of fish at 451 m, set down 9 t (20 klbs), picked up 9 t (20 klbs) over pull to engage grapple. Slacked off same and commenced cutting casing @ 1051 m with (214 GPM), (1025 psi). Minimal torque observed.
IC	TP (SCS)	FSH	1200	1230	0.50	2047.0m	Picked up 31.7 t (70 klbs) over pull on work string to confirm casing free. Sat down casing and rotated to free grapple.
IC	TP (SCS)	FSH	1230	1330	1.00	2047.0m	POOH from 1052 m to 596 m with casing cutter assembly.
IC	TP (SCS)	FSH	1330	1430	1.00	2047.0m	Laid out marine swivel assembly, xover and bumper sub.
IC	TP (SCS)	FSH	1430	1600	1.50	2047.0m	Continued to POOH from 600 m and laid out casing cutter assembly. Knives showed 30 mm of wear on leading edge to give a positive indication of cut casing.
IC	TP (SCS)	FSH	1600	1700	1.00	2047.0m	Picked up and made up Itco spear fishing assembly with stop sub, x/over, bumper sub, HWDP and drilling jars.
IC	TP (SCS)	FSH	1700	1800	1.00	2047.0m	Continued to RIH fishing assembly from 148 m to 451 m. Engaged fish with 4.5 t (10 klbs) down weight, rotated to the left and picked up with and extra 31.7 t (70 klbs) string weight.
IC	TP (SCS)	FSH	1800	2100	3.00	2047.0m	POOH fishing assembly and landed fish in rotary table. 2.3 m, 244 mm (9 5/8") pup joint with pin up in good condition.
IC	TP (SCS)	FSH	2100	2200	1.00	2047.0m	Held pre job safety meeting and released Itco casing spear, racked back fishing assembly.
IC	TP (SCS)	FSH	2200	2400	2.00	2047.0m	Continued to POOH 244 mm (9 5/8") casing, 16 joints laid out.

**Operations For Period 0000 Hrs to 0600 Hrs on 30 Sep 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	TP (SP)	FSH	0000	0430	4.50	2047.0m	Continued to POOH casing. 35 joints laid out with final joint showing clean casing cut 1.2 m down from box.
IC	TP (SCS)	HT	0430	0530	1.00	2047.0m	Rigged down casing handling equipment and rigged up to run 89 mm (3 1/2") DP.
IC	TP (SCS)	CMP	0500	0600	1.00	2047.0m	Made up mule shoe and RIH 89 mm (3 1/2") cement stinger to 50 m.

WBM Data		Cost Today \$ 6631							
Mud Type:	KCL/GLY	API FL:	4cm³/30m	KCl:	10%	Solids:	6	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:		Hard/Ca:	480	H2O:	94%	PV:	0.018Pa/s
Time:	20:30	HTHP-FL:		MBT:	6	Oil:		YP:	0.139MPa
Weight:	1.20sg	HTHP-Cake:	0mm	PM:	0.2	Sand:	0.15	Gels 10s:	0.043
Temp:				PF:	0.1	pH:	9	Gels 10m:	0.096
						PHPA:	1ppb	Fann 003:	8
								Fann 006:	10
								Fann 100:	29
								Fann 200:	39
								Fann 300:	47
								Fann 600:	65
Comment		Treated pit 4 with idcide and backloaded DIF to boats.							

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	Comment
Barite	mT	0	7	0	129.0	
Gel	mT	0	0	0	33.0	
Cement	mT	0	0	0	84.0	
Fuel	m3	0	5.4	0	403.6	
Potable Water	m3	30	23	0	375.0	
Drill Water	m3	315	92	0	686.0	

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
Santos	Geologist	2
Schlumberger Drilling & Measurements	Directional	1
Premium Casing Services		6
DOGC		1
SMITH		2
<b>Total</b>		<b>88</b>

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	28 Sep 2008	1 Day	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	26 Days	Rig visit by DPI. Conducted an environmental audit on Santos operation.
Fire Drill	1	28 Sep 2008	1 Day	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	06 Sep 2008	23 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	26	29 Sep 2008	0 Days	Drill crew - 9 Deck Crew - 13 Welder - 2 Mechanic - 2
Lost Time Incident	1	30 May 2008	122 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	47 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	29 Sep 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	8	29 Sep 2008	0 Days	7 x hot work 1 x cold work
Safety Audit	1	29 Jul 2008	62 Days	Santos environment audit conducted.
Safety Audit	1	30 Jul 2008	61 Days	EHSMS audit conducted onboard.
Safety Meeting	3	29 Sep 2008	0 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	29 Sep 2008	0 Days	Inducted new personnel to site after DODI rig wide induction.
Stop Observations	58	29 Sep 2008	0 Days	38 - Safe 20 - Corrective Actions
STOP Tour	3	29 Sep 2008	0 Days	Submitted 3 by Diamond supervisor Stop audit.

Shakers, Volumes and Losses Data				Engineer : Kellie Jericho / Carrisa			
Available	318.1m <sup>3</sup>	Losses	8.9m <sup>3</sup>	Equip.	Descr.	Mesh Size	Hours
Active	77.6m <sup>3</sup>	Downhole	0.0m <sup>3</sup>				
Mixing		Surf+ Equip	8.1m <sup>3</sup>				
Hole	150.1m <sup>3</sup>	Dumped					
Slug	0.0m <sup>3</sup>	De-Sander					
Reserve	84.7m <sup>3</sup>	De-Silter					
Kill	0.0m <sup>3</sup>	Centrifuge	0.8m <sup>3</sup>				
Storage	5.7m <sup>3</sup>						

Marine								Rig Support		
Weather check on 29 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	97.98
22.2km	28km/h	270.0deg	1023.00bar	11.0C°	1.0m	270.0deg	3sec	2	1372.8	102.06
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.6deg	0.4deg	0.80m	2.0m	225.0deg	12sec					
Rig Dir.	Ris. Tension	VDL	Comments							
217.0deg	122.47mt	920.79mt								
								7	1393.9	97.98
								8	1389.9	88.00

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip		20:00 hrs 27.09.08	Portland, ETD 12:00 hrs 30/09/08	Item	Unit	Quantity
				Fuel	m3	490
				Potable Water	m3	306
				Drill Water	m3	590
				Gel	mt	59
				Cement	mt	84
				Barite	mt	0
				KCl Brine	m3	9
				NaCl Brine	m3	0
				Mud	m3	131
Nor Captain	18:00 hrs 27/09/08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	516.1
				Potable Water	m3	247
				Drill Water	m3	99
				Gel	mt	42
				Cement	mt	0
				Barite	mt	0
				KCl Brine	m3	0
				NaCl Brine	m3	0
				Mud	m3	104

Helicopter Movement				
Flight #	Time	Destination	Comment	Pax
BYV		Essendon		2
BYV		Ocean Patriot		3