

From : Chris Roots / Nathan Peri

Well Data

Country	Australia	Measured Depth	0.0m	Current Hole Size	0mm	AFE Cost	\$30,298,000
Field		TVD	0.0m	Casing OD	0mm	AFE No.	5746043
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	0.0m	Daily Cost	\$7,701,711
Rig	Ocean Patriot	Days from spud	0.00	Shoe TVD	0.0m	Cum Cost	\$7,701,711
Water Depth (LAT)	66.3m	Days on well	0.58	F.I.T. / L.O.T.	/	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Continuing to drill ahead 914mm (36") hole from 127 mRT.				
RT-ML	87.8m	Planned Op	Drill 914mm (36") hole to section TD at 131.7 mRT.				
Rig Heading	217.0deg		Run and cement the 762mm (30") casing. Make up the 444mm (17-1/2") BHA.				

Summary of Period 0000 to 2400 Hrs

Towed the rig to the Henry-2 DW1 location with the Nor Captain. First anchor down at 12:45. Ran the primary anchors out with the Far Grip. Started mixing kill mud and making up 914mm (36") BHA while running the secondary anchors. Cross tensioned all anchors and centered the rig over location.

Operations For Period 0000 Hrs to 2400 Hrs on 24 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	RM	1000	1000	0.00	0.0m	Start of Henry-2 DW1 (last anchor off bottom Netherby-1) Ocean Patriot on tight tow at drilling draft with the Nor Captain. Far Grip following with the #5 anchor on deck. STATEMENT OF FACTS: Ocean Patriot: Fuel - 342 m ³ Drill Water - 480 m ³ Pot Water - 350 m ³ Barite - 84 mt G Cement - 70 mt Gel - 86 mt Far Grip: Fuel - 350 m ³ Drill Water - 451 m ³ Pot Water - 462 m ³ Barite - 84 mt G Cement - 44 mt Gel - 59 mt Brine - 866 m ³ Comp Brine - 48 m ³ DIF - 117 m ³ Nor Captain: Fuel - 525.7 m ³ Drill Water - 470.0 m ³ Pot Water - 363.0 m ³ Barite - 70 mt Cement - 38 mt WBM - 226 m ³
RM	P	AH	1000	1800	8.00	0.0m	11:50 - Far Grip paying out on #5 12:45 - #5 anchor on bottom. 13:08 - #5 PCC passed back to the rig 13:30 - #1 PCC passed to Far Grip 14:00 - #1 anchor on bottom 14:25 - #1 PCC passed back to the rig 14:43 - #4 PCC passed to the Far Grip 15:30 - #4 anchor on bottom 15:58 - #4 PCC passed back to the rig 16:16 - #8 PCC passed to the Far Grip 16:46 - #8 anchor on bottom 17:13 - #8 PCC passed back to the rig. 17:26 - #7 PCC passed to the Far Grip 17:35 - Cross tensioned primary anchors, begin filling Pit #1 & 2 for Kill mud mixing. Started making up BHA. 18:00 - Released the Nor Captain from the tow bridle.
RM	P	AH	1800	2130	3.50	0.0m	18:20 - #7 anchor on bottom 18:37 - #3 PCC passed to the Nor Captain 18:51 - #7 PCC passed back to the rig 19:03 - #6 PCC passed to the Far Grip 19:15 - #3 anchor on bottom 19:38 - #6 anchor on bottom 20:00 - #3 PCC passed back to the rig 20:12 - #6 PCC passed back to the rig

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PS	P	HBHA	2130	2400	2.50	0.0m	20:20 - #2 PCC passed to the Nor Captain 20:39 - #2 anchor on bottom 21:12 - #2 PCC passed back to the rig. Cross tensioned anchors. Anchors held @ 180t for ten minutes. 21:35 - Centered over location. Position: Rig Heading 217.11° 640890.775 mE, 5714819.814 mN LAT 38° 42' 14.5405" S , Long 142° 37' 13.0549 E" Drill stem position is 0.51m on a bearing of 116.42°T from intended location. Concurrent Ops: Continued making up the 914mm (36") BHA and mixing the Kill / PHG mud. Continued making up the 914mm (36") BHA and mixing the Kill / PHG mud. Launched ROV to conduct a sea bed survey.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PS	P	HBHA	0000	0130	1.50	0.0m	Continued making up 914mm (36") BHA to 85m (3m off bottom). Continued mixing PHG mud.
CH	TP (RE)	DA	0130	0245	1.25	0.0m	Built 35m³ (210bbbls) of 1.2sg (10ppg) Kill Mud. Waited on PHG mud mixing volume to be built prior to spudding the well.
CH	P	SM	0245	0300	0.25	0.0m	Held a pre-spud meeting on the drill floor with all parties. Discussed shallow gas procedures.
CH	P	SM	0300	0315	0.25	87.8m	Tagged the sea bed at 87.82 mRT (LAT) with 4.4 t (10klbs). Observed the tag with ROV assistance.
CH	P	DA	0315	0600	2.75	127.0m	Drilled 914 mm (36") hole to 127 mRT. Pumped 7.9 m3 (50 bbl) sweeps mid stand and 15.9 m3 (100 bbl) sweep at connection. Drilling parameters: 0-2.2 t (0-5 klbs) WOB, 90 RPM, 2271 l/min - 3785 l/min (600 - 1000 GPM)

Bit # 1				Wear	I	O1	D	L	B	G	O2 NO	R		
Size:	660mm	IADC#	111	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run					
Mfr:	REED	WOB(avg)		No.	Size	Progress			Cum. Progress			0.0m		
Type:	Rock	RPM(avg)		1	16/32nd"	On Bottom Hrs			Cum. On Btm Hrs			0.00h		
Serial No.:	M26690	F.Rate		3	24/32nd"	IADC Drill Hrs			Cum IADC Drill Hrs			0.00h		
Bit Model	Y11	SPP					Total Revs			Cum Total Revs			0	
Depth In	87.8m	TFA	1.522				ROP(avg)			N/A			ROP(avg)	0.00 m/hr
Depth Out														
Bitwear Comment		Rerun Bit from Pecten East-1 & Netherby-1												

BHA # 1								
Weight(Wet)	86.18mt	Length	210.2m	Torque(max)	10880.0Nm	D.C. (1) Ann Velocity		0mpm
Wt Below Jar(Wet)	0.00mt	String	83.91mt	Torque(Off.Btm)	0.0Nm	D.C. (2) Ann Velocity		0mpm
		Pick-Up	83.91mt	Torque(On.Btm)	4080.0Nm	H.W.D.P. Ann Velocity		0mpm
		Slack-Off	83.91mt			D.P. Ann Velocity		0mpm

BHA Run Description		36" Hole Opener					
Equipment	Length	OD	ID	Serial #	Comment		
Bit	0.65m	660mm	99mm	M26690	3 x 24, 1 x 16 nozzles		
Hole Opener	2.38m	914mm			4 x 24 nozzles.		
Float Sub	0.91m	229mm	76mm		Blank Float Installed		
Anderdrift	3.10m	245mm	76mm	ADB995	Totco Ring		
17.5in String Stabiliser	2.42m	438mm	76mm				
NMDC	8.93m	241mm	76mm	6613			
17.5in String Stabiliser	2.42m	438mm	76mm	XM774			
Drill Collar	18.61m	241mm	76mm				
X/O	1.08m	241mm	76mm	GUD1231-5			
Drill Collar	28.20m	210mm	73mm				
X/O	1.09m	203mm	65mm	GUD1231-6			
HWDP	140.40m	175mm	78mm				

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	Comment
Barite	mT	0	0	0	84.0	
Gel	mT	0	0	0	86.0	
Cement	mT	0	0	0	70.0	
Fuel	m3	0	2.1	0	339.9	
Potable Water	m3	4	0	0	354.0	
Drill Water	m3	0	150	0	330.0	

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	24 Aug 2008	0 Days	Abandonment drill completed after the fire drill. Completed full muster after emergency under control in 25 minutes, initial muster completed in 11 min.
Fire Drill	1	24 Aug 2008	0 Days	Simulated fire in the paint locker. Emergency alarm sounded at 22:20hrs, emergency under control at 22:35hrs.
First Aid	1	13 Aug 2008	11 Days	During the relocation of a container on the port pipe deck, IP located hand on corner of a container to assist another roustabout to steady for placement. IP looked at the base of the container when it swung and caught his hand between the container and wall resulting in a bruised hand.
JHA	21	24 Aug 2008	0 Days	Drill crew - 10 Deck Crew - 6 Welder - 3 Subsea - 2
Lost Time Incident	1	30 May 2008	86 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	11 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	24 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	15	24 Aug 2008	0 Days	5 x hot work permits 10 x cold work permits
Rig Inspection	2	20 Aug 2008	4 Days	Conducted 2 by Santos STOP audits. 1 in moonpool: found several housekeeping issues with wire rope and hoses causing potential trip hazards. Wrapped blue pod line with caution tape and removed grease cans no longer required. 2 in sack room: conducted STOP audit during glycol handling operations. Good understanding of hazards, PPE and operations throughout job. Completed safely and efficiently.
Safety Audit	1	29 Jul 2008	26 Days	Santos environment audit conducted.
Safety Audit	1	30 Jul 2008	25 Days	EHSMS audit conducted onboard.
Safety Meeting	1	13 Aug 2008	11 Days	Held 'Time Out for Safety' meeting on the rig floor with senior DODI and Santos personnel, drill crew, deck crew and third party. Reviewed 2 incidents which occurred on the previous tour and associated safety outcomes. Opened the floor and discussed safe acts and feedback.
Safety Meeting	3	24 Aug 2008	0 Days	Reviewed stop cards for the week and awarded Santos best stop card to Craig Richards. Reviewed the Lifeboat stations, lifeboat equipment and discussed hand awareness. Discussed the fire drill in the paint locker.
Santos Induction	0	24 Aug 2008	0 Days	Gave Santos induction to new personnel to site after DODI induction.
Stop Observations	17	24 Aug 2008	0 Days	9 - Safe 8 - Corrective Actions
STOP Tour	2	24 Aug 2008	0 Days	Submitted Diamond supervisor audits.

Marine								Rig Support		
Weather check on 24 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	19km/h	350.0deg	1027.00bar	11.0C°	0.8m	350.0deg	3sec	1	1382.9	127.91
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.4deg	0.4deg	0.50m	2.5m	230.0deg	13sec					
Rig Dir.	Ris. Tension	VDL		Comments				2	1392.3	126.10
217.0deg	0.00mt	869.54mt						3	1389.0	128.82
								4	1376.8	130.18
								5	1410.9	141.07
								6	1408.5	132.00
								7	1398.7	131.09
								8	1414.0	132.90

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	12:40 hrs 22/08/08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	341
				Potable Water	m3	460
				Drill Water	m3	451
				Gel	mt	59
				Cement	mt	43.5
				Barite	mt	84
				KCl Brine	m3	137
				NaCl Brine	m3	7
Nor Captain	23:45 hrs 19.08.08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	515.8
				Potable Water	m3	358
				Drill Water	m3	470
				Gel	mt	0
				Cement	mt	38
				Barite	mt	70
				KCl Brine	m3	225
				NaCl Brine	m3	
Mud	m3					