

From : Peter Devine / Rohan Richardson
OIM : Rod Dotson

Well Data							
Country	Australia	Measured Depth	1944.0m	Current Hole Size	311mm	AFE Cost	\$39,506,831
Field		TVD	1681.0m	Casing OD	340mm	AFE No.	5746046
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	642.0m	Daily Cost	\$805,632
Rig	Ocean Patriot	Days from spud	3.12	Shoe TVD	642.0m	Cum Cost	\$22,113,334
Water Depth (LAT)	65.4m	Days on well	3.13	F.I.T. / L.O.T.	/ 2.12sg	Planned TD	2503.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Pick up and make up cement head and rack back in derrick				
RT-ML	86.9m	Planned Op	Pick up casing running tool, make up to stand and rack back. Retrieve wear bushing.				
Rig Heading	215.0deg		Rig up to and run 244 mm (9 5/8") by 273 mm (10 3/4") casing string.				

Summary of Period 0000 to 2400 Hrs
 POOH from 1520 m to 1135 m, back reaming and pumping out of hole continually. Pumped hi-vis sweep and circulated hole clean. RIH for wiper trip to TD and pumped hi-vis sweep and circulated hole clean. POOH from 1944 m to 1625 m working pipe as required.

Formations			
Name	Top (MD)	Top (TVD)	Comment
K85 Unconformity	1783.0m	1673.6m	38.6m low
Waarre A	1792.0m	1683.1m	48.1m low

Operations For Period 0000 Hrs to 2400 Hrs on 05 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	RW	0000	0830	8.50	1944.0m	Continued to backream and pump out of hole from 1520 m to 1135 m working a stand each connection.
PH	P	CHC	0830	0930	1.00	1944.0m	Pumped 15.9 m3 (100 bbl) hi-vis sweep and circulated hole clean
PH	U	WT	0930	1000	0.50	1944.0m	RIH for wiper trip from 1135 m to 1337 m.
PH	U	WT	1000	1200	2.00	1944.0m	String held up 13 t (30 klbs), made up TDS and washed in hole from 1337 m to 1539 m.
PH	U	WT	1200	1600	4.00	1944.0m	String held up 13 t (30 klbs), commenced reaming and washing in hole from 1539 m to 1944 m.
PH	U	WT	1600	1830	2.50	1944.0m	Pumped 15.9 m3 (100 bbl) hi-vis sweep and circulated hole clean with 3236 l/min (855 gpm) and 190 rpm.
PH	U	WT	1830	1845	0.25	1944.0m	Flow checked well on trip tank
PH	U	WT	1845	2130	2.75	1944.0m	POOH from 1942 m to 1798 m working pipe as required and at each connection, max O/P 31 t (70 klbs), minimal resistance seen on second run.
PH	U	WT	2130	2300	1.50	1944.0m	Made up TDS to DP and pumped out of hole with 757 l/min (200gpm) from 1798 m to 1740 m, max O/P 31 t (70 klbs). Worked pipe as required and at each connection, minimal resistance seen on second run.
PH	U	WT	2300	2400	1.00	1944.0m	Continued to POOH from 1740 m to 1625 m.

Operations For Period 0000 Hrs to 0600 Hrs on 06 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	TO	0000	0330	3.50	1944.0m	Continued to POOH from 1625 m to 183 m, flow checking at 1308 m, 615 m and 183 m.
PH	P	HBHA	0330	0530	2.00	1944.0m	POOH and racked back BHA, downloaded MWD tools and broke off bit.
IC	P	HT	0530	0600	0.50	1944.0m	Made up pup joint to TIW valve and cement head on catwalk. Picked up and made up to 2 joints HWDP in slips, racked back same.

General Comments		
Comments	Rig Requirements	Lessons Learnt
	Starboard side crane has been repaired and load tested with 37 ton against X Tree. Completions office is in place and wired up with internet and phone lines.	

WBM Data				Cost Today \$ 11213					
Mud Type:	8KCL	API FL:	4cm ³ /30m	KCl:	9%	Solids:	10.82	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:	1mm	Hard/Ca:	800	H2O:	89%	PV:	0.028Pa/s
Time:	22:00	HTHP-FL:		MBT:	1.2	Oil:		YP:	0.235MPa
Weight:	1.32sg	HTHP-Cake:		PM:	0.3	Sand:	0.2	Gels 10s:	0.048
Temp:	152.0C°			PF:	0.12	pH:	9.5	Gels 10m:	0.125
						PHPA:	1ppb	Fann 003:	10
								Fann 006:	14
								Fann 100:	42
								Fann 200:	57
								Fann 300:	77
								Fann 600:	105
Comment Continued to weight up premix in pit 2 with barite. Transferred premix into active as required to maintain volume while back reaming. Made 130 bbls 11 ppg hi-vis in pit 5. Added liquid PHPA into active while circulating to maintain concentration. Pumped 100 bbl hi-vis sweep at TD before POOH. Built 200 bbl 9% KCL premix in pit 1 to maintain volume in active.									

Bit # 1				Wear	I	O1	D	L	B	G	O2	R	
Size:	311mm	IADC#	M422	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run				
Mfr:	REED	WOB(avg)		No.	Size	Progress	0.0m	Cum. Progress	433.0m				
Type:	PDC	RPM(avg)		6	15/32nd"	On Bottom Hrs	0.00h	Cum. On Btm Hrs	15.90h				
Serial No.:	218712	F.Rate				IADC Drill Hrs	0.00h	Cum IADC Drill Hrs	24.00h				
Bit Model	RSX616M-A16	SPP				Total Revs		Cum Total Revs	0				
Depth In	1421.0m	TFA	1.035			ROP(avg)	N/A	ROP(avg)	27.23 m/hr				
Depth Out													
Run Comment													Used to side track Netherby-1DW for production section from pilot hole.

BHA # 1							
Weight(Wet)	18.14mt	Length	183.1m	Torque(max)		D.C. (1) Ann Velocity	0mpm
Wt Below Jar(Wet)	14.74mt	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0mpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0mpm
		Slack-Off				D.P. Ann Velocity	0mpm
Equipment		Length	OD	ID	Serial #	Comment	
Bit		0.29m	311mm	76mm	218712		
Powerdrive 900		8.60m	308mm	133mm	2		
ARC-8		5.87m	230mm	108mm	2724		
Power Pulse		8.47m	211mm	95mm	FB46		
NMDC		18.60m	213mm	83mm			
X/O		1.09m	203mm	67mm	GUD1231-6		
HWDP		84.26m	168mm	78mm			
Jar		9.32m	165mm	70mm	24670G		
HWDP		46.60m	168mm	70mm			

Bulk Stocks						Personnel On Board		
Name	Unit	In	Used	Adjust	Balance	Company		Pax
Barite	mT	0	0	0	111.0	Santos		4
Gel	mT	0	0	0	53.0	Santos		2
Cement	mT	0	0	0	90.0	DOGC		45
Fuel	m3	0	18.3	0	447.1	ESS		8
Potable Water	m3	36	29	0	388.0	BHI		6
Drill Water	m3	0	30	0	601.0	Dowell		2
						Rheochem		2
						TMT		6
						Anadrill		2
						Anadrill		3
						Premium Casing Services		6
						MI Swaco		1
						Cameron		2
						DOGC Service		7
						Marcomm		1
						Total		97

Casing			
OD	L.O.T. / F.I.T.	Casing Shoe (MD/TVD)	Cementing
762mm	/	130.90/130.90	As per cement data.
340mm	2.12 /	642.20/642.20	Class G lead slurry to surface. Class G tail TOC at ± 492m (150m).

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	03 Aug 2008	2 Days	Abandonment drill completed after the fire drill. Completed full muster at lifeboat stations 1 and 3 in 13 minutes.
Additional Supervision	1	02 Aug 2008	3 Days	No night SOC on rig, unable to get a firm commitment from DODI to fill position.
Fire Drill	1	03 Aug 2008	2 Days	Simulated a fire in the cement room at 10:32. Fire under control at 10:42.
First Aid	1	04 Aug 2008	1 Day	IP presented with slightly swollen finger tip and black finger nail. He was assisting the electrician fit new batteries for the crane when it moved suddenly causing his finger to become caught between the framework and battery. The pressure was released from behind the fingernail, pain relief given and he returned to work.
First Aid	1	04 Aug 2008	1 Day	IP was walking on non skid walkway when he stepped on a small amount of mud. This caused his foot to slip which resulted in a 5 cm by 0.5 cm loss of skin from his shin when it came in contact with some framework.
JHA	30	05 Aug 2008	0 Days	Drill crew - 11 Deck Crew - 19
Lost Time Incident	1	30 May 2008	67 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	24 Jul 2008	12 Days	IP sustained a deep cut to his left leg. This was caused by his foot slipping off a timber support and hitting his shin. The IP will be flown out on crew chopper. Note: IP received 7 stitches and has been given clearance to return to work. Resumed duties 25th Jul 08.
Pre-Tour Meeting	4	05 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	7	05 Aug 2008	0 Days	3 x hot work permits 4 x cold work permits
Safety Audit	1	30 Jul 2008	6 Days	EHSMS audit conducted onboard.
Safety Meeting	3	03 Jul 2008	33 Days	Reviewed stop cards for the week and awarded Santos best stop card. Discussed fire and abandonment drill and muster times. Reviewed safety alerts from other DODI facilities.
Santos Induction	1	05 Aug 2008	0 Days	Inducted new personnel to site
Stop Observations	68	05 Aug 2008	0 Days	40 - Safe 28- Corrective Actions
STOP Tour	1	03 Aug 2008	2 Days	Conducted STOP audit on the starboard crane repairs, housekeeping good, excellent communication and clear understanding of work scope.
Trip/Pit Drill	1	31 Jul 2008	5 Days	Sounded the alarm on the drill floor for a kick drill. Crew reacted and had the FOSV in place within 35 seconds.

Shakers, Volumes and Losses Data				Engineer : Carissa Thompson / Fius Siregar			
Available	299.5m ³	Losses	39.1m ³	Equip.	Descr.	Mesh Size	Hours
Active	83.6m ³	Downhole	3.5m ³	Centrifuge 1	MI SW FVS 518		11
Mixing	0.0m ³	Surf+ Equip	27.5m ³	Centrifuge 1	MI SW FVS 518		11
Hole	142.8m ³	Dumped	0.0m ³	Centrifuge 2	MI SW FVS 518		0
Slug		De-Sander		Centrifuge 2	MI SW FVS 518		11
Reserve	58.0m ³	De-Silter		Shaker 3	Bem 650 - MI SW	20 / 20 230 HC x 4	24
Kill	15.1m ³	Centrifuge	8.1m ³	Shaker 3	Bem 650 - MI SW	20 / 20 230 HC x 4	24
				Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	24
Storage	15.1m ³			Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	24
				Shaker 5	Bem 650 - MI SW	20 / 20 200 HC x 4	24
				Shaker 5	Bem 650 - MI SW	20 / 20 200 HC x 4	24
				Shaker 6	Bem 650 - MI SW	20 / 20 230 HC x 4	24
				Shaker 6	Bem 650 - MI SW	20 / 20 230 HC x 4	24

Marine								Rig Support		
Weather check on 05 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)
22.2km	11km/h	220.0deg	1026.00bar	13.0C°	0.5m	220.0deg	3sec	1	1382.9	94.80
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.4deg	0.3deg	0.50m	2.0m	225.0deg	12sec					
Rig Dir.	Ris. Tension	VDL		Comments						
215.0deg	124.74mt	963.88mt								
								8	1414.0	120.20

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	03.00 hrs 06.08.08		Portside Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	484
				Potable Water	m3	316
				Drill Water	m3	450
				KCl Brine	m3	140
				NaCl Brine	m3	185
				Mud	m3	250
				Cement	mT	43.5
				Barite	mT	84
Gel	mT	59				
Nor Captain	22:00 30 Jul 08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	455.1
				Potable Water	m3	335
				Drill Water		193
				Cement	mT	38
				Gel	mT	42
				Barite	mT	28

Helicopter Movement					
Flight #	Time	Destination	Comment	Pax	
GYJ	10:47	Ocean Patriot		11	
GYJ	11:00	Essendon		13	