

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	244mm	AFE No.	5746046
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	1936.0m	Daily Cost	\$1,386,219
Rig	Ocean Patriot	Days from spud	5.12	Shoe TVD	1680.0m	Cum Cost	\$24,327,625
Water Depth (LAT)	65.4m	Days on well	5.13	F.I.T. / L.O.T.	/	Planned TD	2503.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Continue to p/t BOP's.				
RT-ML	86.9m	Planned Op	P/t BOP's, layout cement head and POOH. Layout CSHART stand and 311 mm (12 1/4") BHA. Pick up 216 mm (8 1/2") BHA and RIH, tag cement. Drillout shoe track. Drill production hole.				
Rig Heading	215.0deg						

Summary of Period 0000 to 2400 Hrs

Ran 244 mm (9 5/8") by 273 mm (10 3/4") casing from 642 m to 1936 m and cemented same.

Formations

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

Operations For Period 0000 Hrs to 2400 Hrs on 07 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	CRN	0000	0730	7.50	1944.0m	Continued to run 244 mm (9 5/8") casing from 642 m to 1434 m, filling every joint and breaking circulation after every 10.
IC	P	CIC	0730	0745	0.25	1944.0m	Worked casing and circulated clean.
IC	P	RRC	0745	0930	1.75	1944.0m	Changed out casing handling gear from 244 mm (9 5/8") to 273 mm (10 3/4").
IC	P	CRN	0930	1600	6.50	1944.0m	Continued to run 273 mm (10 3/4") casing from 1434 m to 1849 m. Washed down casing from 1528 m to 1540 m and 1770 m to 1795 m with TAM Packer at 1100 l/min (290gpm).
IC	P	RRC	1600	1630	0.50	1944.0m	Rigged down casing handling gear and rigged up to run drill pipe.
IC	P	HT	1630	1700	0.50	1944.0m	Landed out plug basket and SST tool in casing stump and make up to CSHART stand. Made up casing hanger on CSHART tool to casing.
IC	P	CRN	1700	2000	3.00	1944.0m	Washed down casing on drill pipe from 1849 m to 1936 m at 1100 l/min (290gpm).
IC	P	RUC	2000	2030	0.50	1944.0m	Made up cement lines to cement head
IC	P	CRN	2030	2100	0.50	1944.0m	Landed out casing hanger in wellhead with 630 t (280 klbs). Confirmed with index line, ok.
IC	P	CIC	2100	2200	1.00	1944.0m	Circulated bottoms up and hole clean with 1100 l/min (290gpm). Held pre job safety meeting with crew and third party on cementing operations and P/Testing.
IC	P	CMC	2200	2400	2.00	1944.0m	Lined up cement unit and pumped 0.5 m3 (3 bbls) of sea water. Closed low torque valve and p/t surface lines to 27.6 MPa (4000 psi) for 10 min, ok. Pumped 5.5 m3 (35 bbls) of sea water and released lower drill pipe dart. Pumped 0.6 m3 (4 bbls) of sea water and sheared bottom wiper plug with 27.6 MPa (4000 psi). Mixed and pumped 12.2 (77 bbls) of 1.5 sg (12.5 ppg) Class G cement lead slurry, 193 sx. Mixed and pumped 6.9 m3 (44 bbls) of 1.9 sg (15.8 ppg) Class G cement tail slurry, 214 sx. Released upper drill pipe dart and pumped 0.8 m3 (5 bbls) of cement. Top wiper plug sheared with 24.1 MPa (3500 psi). Pumped 2.2 m3 (14 bbls) of drill water from cement unit and changed over to rig pumps. Commenced displacement with 1.3 sg (11.1 ppg) mud.

Operations For Period 0000 Hrs to 0600 Hrs on 08 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	CMC	0000	0100	1.00	1944.0m	Continued to displace casing, pumped total 712 m3 (448 bbls) of 1.3 sg (11.1 ppg) mud, bumped plug with 6.9 MPa (1000 psi). Changed over to cement unit and p/t casing to 27.6 MPa (4000 psi) for 10 min, ok. Bled back 0.3 m3 (1.75 bbls) of mud, floats holding.
IC	P	WH	0100	0300	2.00	1944.0m	Set casing hanger seal assembly. Close LPR's and p/t to 34.5 MPa (5000 psi) down kill line to confirm seat, ok.
IC	P	BOP	0300	0600	3.00	1944.0m	Commenced p/t BOPs as per program.

WBM Data		Cost Today							
Mud Type:	8KCL	API FL:	4cm ³ /30m	KCl:	9%	Solids:	11.31	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:	1mm	Hard/Ca:	900	H ₂ O:	89%	PV:	0.030Pa/s
Time:	22:00	HTHP-FL:		MBT:	1.2	Oil:		YP:	0.220MPa
Weight:	1.33sg	HTHP-Cake:		PM:	0.3	Sand:	0.2	Gels 10s:	0.048
Temp:				PF:	0.15	pH:	9.5	Gels 10m:	0.120
						PHPA:	1ppb	Fann 003:	10
								Fann 006:	12
								Fann 100:	44
								Fann 200:	57
								Fann 300:	76
								Fann 600:	106
Comment		Cleaned pit 4 and 5 ready for DIF. Recieved 937 bbls of 9.5 ppg wellflow DIF from Far Grip. Treated DIF with 0.5 ppb Xanvis. Backloaded 399 bbls of 11 ppg KCL / Gly / PHPA mud to Nor Captain.							

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	Comment
Barite	mT	0	0	0	84.0	
Gel	mT	0	0	0	53.0	
Cement	mT	0	0	0	90.0	
Fuel	m3	0	10.8	0	422.1	
Potable Water	m3	28	26	0	369.0	
Drill Water	m3	0	60	0	776.0	

Personnel On Board		
Company	Comment	Pax
Santos		4
Santos		2
DOGC		45
ESS		8
BHI		7
Dowell		2
Rheochem		2
TMT		6
Anadrill		2
Anadrill		3
Premium Casing Services		6
MI Swaco		1
Cameron		3
DOGC Service		7
Schlumberger Testing		2
Total		100

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).
244mm	/	1936.00/	

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	03 Aug 2008	4 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	5 Days	No night SOC on rig, unable to get a firm commitment from DODI to fill position.
Fire Drill	1	03 Aug 2008	4 Days	Simulated a fire in the cement room at 10:32. Fire under control at 10:42.
First Aid	1	04 Aug 2008	3 Days	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	3 Days	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	26	07 Aug 2008	0 Days	Drill crew - 9 Deck Crew - 13 Mechanic - 1 Electrician - 3
Lost Time Incident	1	30 May 2008	69 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	14 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	07 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	11	07 Aug 2008	0 Days	5 x hot work permits 6 x cold work permits
Safety Audit	1	30 Jul 2008	8 Days	EHSMS audit conducted onboard.
Safety Meeting	3	03 Aug 2008	4 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	07 Aug 2008	0 Days	Inducted new personnel to site
Stop Observations	47	07 Aug 2008	0 Days	27 - Safe 20 - Corrective Actions
STOP Tour	1	03 Aug 2008	4 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	7 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	359.4m ³	Losses	11.0m ³	Equip.	Descr.	Mesh Size	Hours
Active	52.9m ³	Downhole	4.5m ³	Centrifuge 1	MI SW FVS 518		0
Mixing	0.0m ³	Surf+ Equip	0.6m ³	Centrifuge 1	MI SW FVS 518		1
Hole	114.3m ³	Dumped	5.1m ³	Centrifuge 2	MI SW FVS 518		0
Slug				Centrifuge 2	MI SW FVS 518		1
Slug		De-Sander		Shaker 3	Bem 650 - MI SW	20 / 20 230 HC x 4	15
Reserve	43.2m ³	De-Silter		Shaker 3	Bem 650 - MI SW	20 / 20 230 HC x 4	24
Kill				Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	15
Storage	149.0m ³	Centrifuge	0.8m 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	15
				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	15
				Shaker 6	Bem 650 - MI SW	20 / 20 230 HC x 4	24

Marine								Rig Support		
Weather check on 07 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)
14.8km	44km/h	240.0deg	1018.00bar	10.0C°	0.8m	240.0deg	3sec	1	1382.9	118.84
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.6deg	0.5deg	0.80m	2.5m	250.0deg	12sec					
Rig Dir.	Ris. Tension	VDL		Comments				2	1382.9	120.20
215.0deg	124.74mt	953.91mt						3	1399.9	140.16
								4	1376.8	155.13
								5	1410.9	104.78
								6	1421.0	102.97
								7	1410.9	117.93
								8	1414.0	137.89

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	03.00 hrs 06.08.08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	458
				Potable Water	m3	300
				Drill Water	m3	220
				KCl Brine	m3	140
				NaCl Brine	m3	185
				Mud	m3	101
				Cement	mT	43.5
				Barite	mT	84
				Gel	mT	59
Nor Captain		22:30 hrs 07.08.08	On sail to Portland	Item	Unit	Quantity
				Fuel	m3	436.3
				Potable Water	m3	325
				Drill Water		193
				Cement	mT	38
				Gel	mT	42
				Barite	mT	28

Helicopter Movement					
Flight #	Time	Destination	Comment	Pax	
GYJ	11:19	Ocean Patriot		7	
GYJ	11:33	Essendon		5	