

**From : Peter Devine / Rohan Richardson**  
**OIM : Rod Dotson**

**Well Data**

Country	Australia	Measured Depth	2215.0m	Current Hole Size	216mm	AFE Cost	\$39,506,831
Field		TVD	1683.0m	Casing OD	244mm	AFE No.	5746046
Drill Contractor	DOGC	Progress	260.0m	Shoe MD	1936.0m	Daily Cost	\$743,185
Rig	Ocean Patriot	Days from spud	8.12	Shoe TVD	1680.0m	Cum Cost	\$26,612,696
Water Depth (LAT)	65.4m	Days on well	8.13	F.I.T. / L.O.T.	/	Planned TD	2503.0m
RT-SL(LAT)	21.5m	Current Op @ 0600 Drilling ahead 216 mm (8 1/2") hole from 2269 m as per directional plan.					
RT-ML	86.9m	Planned Op Continue to drill 216 mm (8 1/2") hole to TD, circulate and condition mud for running sand screens as per programme.					
Rig Heading	215.0deg						

**Summary of Period 0000 to 2400 Hrs**

Drilled 216 mm (8 1/2") hole from 1960 m to 2215 m, as per directional plan.

**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 10 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DA	0000	0230	2.50	1998.0m	Continued to drill ahead from 1960 m to 1998 m.
PH	P	FC	0230	0300	0.50	1998.0m	Flow checked well, ok. Calibrated mud loggers gas instrumentation.
PH	P	DA	0300	1300	10.00	2144.0m	Continued to drill ahead from 1998 m to 2144 m MD, average gas 69 units (1.38%). Changed TDS from high gear to low gear due to 33 kN-m (25kf-lbs) torque.
PH	TP (RE)	RR	1300	1430	1.50	2144.0m	Saver sub on TDS broke out when backing out connection. Torque gauge showed expected torque when drilling and 40.68 kNm (30 kft.lbs) on connections. Troubleshoot high torque, broke and laid out single with saver sub. Made up new saver sub to TDS and prepared to drill ahead.
PH	P	DA	1430	1530	1.00	2164.0m	Continued to drill ahead from 2144 m to 2164 m.
PH	TP (RE)	RR	1530	1700	1.50	2164.0m	Saver sub on TDS broke out when backing out connection due to being over torqued. Gauges showed expected torque readings when drilling and on connections. Troubleshoot, broke off and laid out two joints drill pipe, re-torqued saver sub to TDS. Changed from low gear to high gear on TDS and prepared to drill ahead.
PH	P	DA	1700	1900	2.00	2182.0m	Continued drilling from 2164 m to 2182 m.
PH	TP (VE)	RO	1900	1930	0.50	2182.0m	Geolograph line on TDS broke due to high winds. Both MWD and mud logging units were running off the same line. Racked back 1 stand DP, made up new geolograph line and calibrated same.
PH	P	DA	1930	2400	4.50	2215.0m	Continued drilling from 2182 m to 2215 m MD, 1683.21 m TVD. Max gas 897 units (17.94%).

**Operations For Period 0000 Hrs to 0600 Hrs on 11 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DA	0000	0300	3.00	2258.0m	Continued to drill 216 mm (8 1/2") hole from 2215 m to 2258 m.
PH	TP (VE)	RR	0300	0500	2.00	2258.0m	Upper racking arm hydraulic hose burst while moving stand prior to making connection. Removed hose and replaced same.
PH	P	DA	0500	0600	1.00	2269.0m	Continued to drill ahead from 2258 m to 2269 m.

**WBM Data**

**Cost Today \$ 81931**

Mud Type:	WFW	API FL:	4cm <sup>3</sup> /30m	KCl:	0%	Solids:	2.52	Viscosity:	0sec/L
Sample-From:	FL	Filter-Cake:	1mm	Hard/Ca:	400	H2O:	97%	PV:	0.011Pa/s
Time:	23:00	HTHP-FL:		MBT:	0.2	Oil:		YP:	0.134MPa
Weight:	1.15sg	HTHP-Cake:		PM:	0.3	Sand:	0.25	Gels 10s:	0.043
Temp:	120.0C°			PF:	0.05	pH:	9.5	Gels 10m:	0.057
						PHPA:	Oppb	Fann 003:	8
								Fann 006:	10
								Fann 100:	26
								Fann 200:	33
								Fann 300:	39
								Fann 600:	50

**Comment** Build 400 bbls DIF premix in pit 5. Added Xanvis to active system to maintain and increase 6 rpm. Screened up to 230 mesh while monitoring mud weight, ok. Commenced adding 1 bbl/hr to the flow line to compensate for evaporation as flow line temp increases.

Bit # 2				Wear	I	O1	D	L	B	G	O2	R
Size:	216mm	IADC#		<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>			<b>Calculated over Bit Run</b>			
Mfr:	REED	WOB(avg)	6.80mt	No.	Size	Progress	260.0m	Cum. Progress		276.0m		
Type:		RPM(avg)	141	5	13/32nd"	On Bottom Hrs	11.60h	Cum. On Btm Hrs		12.70h		
Serial No.:	119583	F.Rate	1893lpm			IADC Drill Hrs	20.50h	Cum IADC Drill Hrs		23.00h		
Bit Model	RSX519M-A4	SPP	13445kPa			Total Revs		Cum Total Revs		0		
Depth In	1944.0m	TFA	0.648			ROP(avg)	22.41 m/hr	ROP(avg)		21.73 m/hr		
Depth Out												

BHA # 1							
Weight(Wet)	13458.10mt	Length	183.7m	Torque(max)	35.4Nm	D.C. (1) Ann Velocity	0mpm
Wt Below Jar(Wet)	10807.30mt	String	108.86mt	Torque(Off.Btm)	21.8Nm	D.C. (2) Ann Velocity	0mpm
		Pick-Up	117.93mt	Torque(On.Btm)	31.3Nm	H.W.D.P. Ann Velocity	103.04mpm
		Slack-Off	86.18mt			D.P. Ann Velocity	79.05mpm

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.24m	216mm	51mm	119583	
Powerdrive 645	7.66m	213mm	51mm	266	
LWD Tools	8.04m	210mm	51mm	987	
Telescope HF	9.10m	171mm	127mm	FA27	
NMDC	18.55m	171mm	74mm		
HWDP	93.42m	168mm	78mm		
Jar	9.32m	165mm	70mm	24670G	
HWDP	34.47m	168mm	70mm		

Survey								
MD (m)	Incl Deg (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
2060.00	89.8	121.7	1689.28	724.23	0.95	-350.86	633.57	MWD
2089.29	89.5	120.4	1689.47	753.49	1.37	-365.95	658.67	MWD
2112.91	89.5	119.4	1689.69	777.11	1.21	-377.73	679.14	MWD
2148.38	93.0	121.2	1688.91	812.55	3.37	-395.63	709.75	MWD
2177.62	94.7	120.6	1686.95	841.70	1.77	-410.62	734.78	MWD
2204.99	96.4	121.0	1684.32	868.92	1.93	-424.56	758.18	MWD

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	70.0	
Fuel	m3	0	13	0	387.5	
Potable Water	m3	12	31	0	345.0	
Drill Water	m3	21	99	0	686.0	

Personnel On Board		
Company	Comment	Pax
Santos		7
Santos		2
DOGC		44
ESS		8
BHI		9
Dowell		1
Rheochem		2
TMT		6
Anadrill		3
Anadrill		3
Weatherford		2
MI Swaco		2
Cameron		2
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/	

<b>HSE Summary</b>				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	10 Aug 2008	0 Days	Abandonment drill completed after the fire drill. Completed full muster at lifeboat stations 1 and 3 in 6 minutes post fire drill completed.
Additional Supervision	1	02 Aug 2008	8 Days	No night SOC on rig, unable to get a firm commitment from DODI to fill position.
Fire Drill	1	03 Aug 2008	7 Days	Simulated a fire in the main store room at 10:32. Fire under control at 10:42.
First Aid	1	04 Aug 2008	6 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	6 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	25	10 Aug 2008	0 Days	Drill crew - 9 Deck Crew - 12 Mechanic - 3 Electrician - 1
Lost Time Incident	1	30 May 2008	72 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	17 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	10 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	11	10 Aug 2008	0 Days	6 x hot work permits 5 x cold work permits
Safety Audit	1	30 Jul 2008	11 Days	EHSMS audit conducted onboard.
Safety Meeting	3	10 Aug 2008	0 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. Reviewed procedure for fire abandonment.
Santos Induction	0	10 Aug 2008	0 Days	No new personnel to site
Stop Observations	46	10 Aug 2008	0 Days	24 - Safe 22 - Corrective Actions
STOP Tour	1	10 Aug 2008	0 Days	Conducted STOP audit on portside and starboard side pipe racks. Multiple lifts have been conducted and the deck crew manage to maintain good housekeeping with only a few pieces of dunnage lying loose. This was put aside. Some containers were out of place however, crane was waiting on boat to offload immediately. Good job to deck crew and crane operator.
Trip/Pit Drill	1	09 Aug 2008	1 Day	Sounded the alarm on the drill floor for a kick drill. Shut in DP, spaced out and closed BOP's. Conducted choke drill by circulating fluid through choke manifold

<b>Shakers, Volumes and Losses Data</b>				Engineer : Carissa Thompson / Fius Siregar			
Available	258.9m <sup>3</sup>	Losses	20.1m <sup>3</sup>	Equip.	Descr.	Mesh Size	Hours
Active	80.9m <sup>3</sup>	Downhole		Centrifuge 1	MI SW FVS 518		4
Mixing	0.0m <sup>3</sup>	Surf+ Equip	16.9m <sup>3</sup>	Centrifuge 1	MI SW FVS 518		12
Hole	88.2m <sup>3</sup>	Dumped		Centrifuge 2	MI SW FVS 518		4
Slug		De-Sander		Centrifuge 2	MI SW FVS 518		12
Reserve		De-Silter		Shaker 3	Bem 650 - MI SW	20 / 20 200 HC x 4	24
Kill				Shaker 3	Bem 650 - MI SW	20 / 20 200 HC x 4	12
Storage	89.8m <sup>3</sup>	Centrifuge	3.2m <sup>3</sup>	Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	24
				Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	12
				Shaker 5	Bem 650 - MI SW	20 / 20 200 HC x 4	16
				Shaker 5	Bem 650 - MI SW	20 / 20 200 HC x 4	12
				Shaker 6	Bem 650 - MI SW	20 / 20 200 HC x 4	16
				Shaker 6	Bem 650 - MI SW	20 / 20 200 HC x 4	12

Marine								Rig Support		
Weather check on 10 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	65km/h	215.0deg	1018.00bar	9.0C°	3.0m	215.0deg	3sec	1	1382.9	125.19
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
1.0deg	0.8deg	1.50m	4.0m	225.0deg	12sec					
Rig Dir.	Ris. Tension	VDL		Comments				2	1382.9	128.82
215.0deg	124.74mt	881.78mt					3	1399.9	140.16	
								4	1376.8	147.87
								5	1410.9	145.15
								6	1421.0	138.80
								7	1410.9	110.22
								8	1414.0	127.91

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	01.30 hrs 11.08.08		Standby Ocean Patriot.	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Fuel	m3	423
				Potable Water	m3	276
				Drill Water	m3	410
				KCl Brine	m3	140
				NaCl Brine	m3	185
				Mud	m3	14
				Cement	mT	43.5
				Barite	mT	84
Nor Captain	16:30 hrs 08.08.08		Standby Ocean Patriot	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Fuel	m3	401.7
				Potable Water	m3	315
				Drill Water		193
				Cement	mT	38
				Gel	mT	42
				Barite	mT	28

Helicopter Movement					
Flight #	Time	Destination	Comment	Pax	
GYJ		Essendon	No Helicopter		
GYJ		Ocean Patriot	No Helicopter		