

From : Peter Devine/ Rohan Richardson							
OIM : Dennis Gore							
Well Data							
Country	Australia	Measured Depth	1709.0m	Current Hole Size	311mm	AFE Cost	\$41,512,831
Field		TVD	1582.0m	Casing OD	340mm	AFE No.	5746043
Drill Contractor	DOGC	Progress	57.0m	Shoe MD	652.0m	Daily Cost	\$690,286
Rig	Ocean Patriot	Days from spud	22.87	Shoe TVD	652.0m	Cum Cost	\$690,286
Water Depth (LAT)	66.3m	Days on well	0.79	F.I.T. / L.O.T.	/ 2.20sg	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600 Continue to RIH from 800 m.					
RT-ML	87.8m	Planned Op RIH to 1708 m and continue to drill intermediate hole as per directional plan.					
Rig Heading	217.0deg						

Summary of Period 0000 to 2400 Hrs
Time drilled off cement plug from 1652 m and drilled ahead to 1709 m. Unable to achieve sufficient inclination build rate. Circulated clean and POOH, changed directional assembly and bit, RIH to 70 m.

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

Operations For Period 0000 Hrs to 2400 Hrs on 16 Sep 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0500	1230	7.50	1709.0m	Drilled ahead 311 mm (12 1/4") hole from 1652 m to 1709 m. Unable to build inclination with directional assembly, decided to trip for BHA.
IH	P	CHC	1230	1330	1.00	1709.0m	Circulated hole clean, 4.8 m3/hr (30 bbls/hr) dynamic losses observed, prepared LCM pill and spotted 3.2 m3 (20 bbls) same on bottom.
IH	P	FC	1330	1345	0.25	1709.0m	Flow checked well, ok.
IH	P	TO	1345	1500	1.25	1709.0m	POOH from 1709 m to 1280 m.
IH	P	RW	1500	1530	0.50	1709.0m	Worked string through dogleg at 1300 m 3 times, no drag observed.
IH	P	TO	1530	1730	2.00	1709.0m	Continued to POOH from 1280 m to 211 m. Flow checked well, OK.
IH	P	HBHA	1730	2000	2.50	1709.0m	POOH and racked back BHA, laid out LWD/MWD and directional tools. Flow checked well, OK.
IH	P	HT	2000	2100	1.00	1709.0m	Picked up CSHART tool, broke out pup joint and made up to secondary CSHART tool, laid out same.
IH	P	HBHA	2100	2400	3.00	1709.0m	Picked up new rotary steerable tool, changed out mill tooth bit for PDC bit, made up BHA and RIH to 70 m.

Operations For Period 0000 Hrs to 0600 Hrs on 17 Sep 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	HBHA	0000	0030	0.50	1709.0m	Continued to RIH BHA to 90 m and made up TDS. Worked through 340 mm (13 3/8") casing swage at 93 m with max slack off weight 0.9-1.8 t (2-4 klbs). Pulled back through to confirm free subsea tree drill through adaptor and worked back through same, OK.
IH	P	TI	0030	0230	2.00	1709.0m	Continued to RIH from 95 m to 640 m.
IH	P	SC	0230	0530	3.00	1709.0m	Slipped and cut drill line.
IH	P	TI	0530	0600	0.50	1709.0m	Continued to RIH from 640 m to 800 m.

WBM Data				Cost Today \$ 27860					
Mud Type:	KCL/GLY	API FL:	6cm³/30m	KCl:	8%	Solids:	10.54	Viscosity:	0sec/L
Sample-From:	Pit	Filter-Cake:		Hard/Ca:	720	H2O:	90%	PV:	0.030Pa/s
Time:	22:00	HTHP-FL:		MBT:	8.5	Oil:		YP:	0.192MPa
Weight:	1.32sg	HTHP-Cake:	1mm	PM:	1.8	Sand:	0.5	Gels 10s:	0.057
Temp:				PF:	0.6	pH:	12	Gels 10m:	0.110
						PHPA:	1ppb	Fann 003:	10
								Fann 006:	13
								Fann 100:	41
								Fann 200:	58
								Fann 300:	70
								Fann 600:	100
Comment Built 625 bbls of KCL/Gly/PHPA fluid for volume. Commenced addition of JK-261 LV direct to active to increase PHPA concentration. Encountered 30 bbls / hr losses at 1695 m. Prepared 70 bbl of 10 ppb Fracseal / sandseal LCM. Spotted 20 bbls of LCM on bottom prior to POOH.									

Bit # 6				Wear	I	O1	D	L	B	G	O2	R
					0	1	WT	G	E	1	NO	BHA
Size:	311mm	IADC#	117	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	SMITH	WOB(avg)	13.02mt	No.	Size	Progress	57.0m	Cum. Progress		57.0m		
Type:	Rock	RPM(avg)	117	1	16/32nd"	On Bottom Hrs	0.00h	Cum. On Btm Hrs		0.00h		
Serial No.:	MZ9473	F.Rate	3248lpm	3	20/32nd"	IADC Drill Hrs	0.00h	Cum IADC Drill Hrs		0.00h		
Bit Model	XR+ VCPS	SPP	12169kPa			Total Revs		Cum Total Revs		0		
Depth In	1611.0m	TFA	1.117			ROP(avg)	0.00 m/hr	ROP(avg)		0.00 m/hr		
Depth Out	1708.0m											

BHA # 6							
Weight(Wet)	19.05mt	Length	211.3m	Torque(max)	12.2Nm	D.C. (1) Ann Velocity	74.48mpm
Wt Below Jar(Wet)	15.88mt	String		Torque(Off.Btm)	0.0Nm	D.C. (2) Ann Velocity	0mpm
		Pick-Up		Torque(On.Btm)	10.9Nm	H.W.D.P. Ann Velocity	62.4mpm
		Slack-Off				D.P. Ann Velocity	51.25mpm

BHA Run Description		Directional / FEWD					
Equipment	Length	OD	ID	Serial #	Comment		
Bit	0.33m	311mm		MZ9473			
Powerdrive 900	8.62m	308mm	127mm	016	Blank float installed. Xceed survey = 5.10m from the bit.		
ARC-8	5.90m	231mm	76mm	1871	Resistivity & Gama = 11.36m from the bit.		
In-Line Stabiliser	0.83m	291mm	111mm	ASQ8062			
Telescope HF	8.15m	213mm	76mm	E0005	Powerpulse survey = 19.25m from the bit.		
NMDC	9.37m	226mm	71mm	SBD4466			
NMDC	8.55m	213mm	71mm	N688			
X/O	1.09m	203mm	67mm	GUD123-1			
HWDP	121.38m	175mm	76mm				
6.375in Jars	9.73m	162mm	70mm	DAH01628			
HWDP	37.30m						

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance	Comment	
Barite	mT	0	0	0	0.0		
Gel	mT	0	0	0	0.0		
Cement	mT	0	0	0	0.0		
Fuel	m3	0	0	0	0.0		
Potable Water	m3	0	0	0	0.0		
Drill Water	m3	0	0	0	0.0		

Personnel On Board		
Company	Comment	Pax
Santos		4
DOGC		46
ESS		8
BHI		6
Dowell		2
Rheochem		2
MI Swaco		1
TMT		6
Cameron		2
Schlumberger Drilling & Measurements	MWD / LWD	3
Santos	Geologist	2
Schlumberger Drilling & Measurements	Directional	3
Premium Casing Services		6
Taylor Brothers		2
Other		4
Total		97

Shakers, Volumes and Losses Data				Engineer : Kellie Jericho / Fius Siregar			
Available	339.3m ³	Losses	17.8m ³	Equip.	Descr.	Mesh Size	Hours
Active	85.1m ³	Downhole	8.4m ³	Centrifuge 1	MI SW FVS 518		6
Mixing		Surf+ Equip	8.6m ³	Centrifuge 1	MI SW FVS 518		1
Hole	134.2m ³	Dumped		Centrifuge 2	MI SW FVS 518		
Slug	0.0m ³	De-Sander		Centrifuge 2	MI SW FVS 518		
Reserve	59.6m ³	De-Silter		Shaker 3	MI SW - BEM 650	10/20 230/200 x 4	24
Kill	0.0m ³	Centrifuge	0.8m ³	Shaker 3	MI SW - BEM 650	10/20 230/200 x 4	16
Storage	60.4m ³			Shaker 4	MI SW - BEM 650	40/30 270/230 x4	24
				Shaker 4	MI SW - BEM 650	40/30 270/230 x4	16
				Shaker 5	MI SW - BEM 650	40/30 270/230 x 4	24
				Shaker 5	MI SW - BEM 650	40/30 270/230 x 4	16
				Shaker 6	MI SW - BEM 650	10/20 230/200 x 4	24
				Shaker 6	MI SW - BEM 650	10/20 230/200 x 4	16

Marine										
Weather check on 16 Sep 2008 at 24:00								Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Chain out (m)	Tension (mt)
18.5km	19km/h	270.0deg	1026.00bar	10.0C°	0.2m	270.0deg	3sec	1	1353.0	120.20
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	1372.8	121.11
0.5deg	0.3deg	0.80m	3.0m	225.0deg	12sec			3	1386.8	123.83
Rig Dir.	Ris. Tension	VDL	Comments					4	1414.0	125.19
217.0deg	122.47mt	945.29mt						5	1365.8	132.00
								6	1389.9	130.18
								7	1393.9	126.10
								8	1389.9	128.82

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip		20:00 hrs 14/09/08	ETA Ocean Patriot 04:45 hrs on the 17th Sep.	Item	Unit	Quantity
				Fuel	m3	468
				Potable Water	m3	430
				Drill Water	m3	530
				Gel	mt	59
				Cement	mt	45.5
				Barite	mt	42
				KCl Brine	m3	9
				NaCl Brine	m3	0
					m3	117
	m3					
Nor Captain	20:00 hrs 14/09/08		Ocean Patriot Standby. To be released to Portland, 05:00 hrs, 17/09/08	Item	Unit	Quantity
				Fuel	m3	416
				Potable Water	m3	234
				Drill Water	m3	393
				Gel	mt	42
				Cement	mt	0
				Barite	mt	42
				KCl Brine	m3	0
				NaCl Brine	m3	0
				Mud	m3	139

Helicopter Movement				
Flight #	Time	Destination	Comment	Pax
BYV	11:45	Ocean Patriot		13
BYV	11:57	Essendon		15