

DRILLING MORNING REPORT # 5
Maclean 1 (Vic/P47)

18 Oct 2005 (GMT +10)

From: P. Dane / S. Rodda
 To: C. Allport

Well Data							
Country	Australia	M. Depth	355.0m	Cur. Hole Size	12.250in	AFE Cost	\$4,751,978
Field	Maclean	TVD	355.0m	Casing OD	13.375in	AFE No.	
Drill Co.	DOGC	Progress	0.0m	Shoe TVD	350.00m	Daily COST	\$317,960
Rig	Ocean Patriot	Days from spud	2.85	FIT		Cum Cost	\$2,781,281
Wtr Dpth(MSL)	57.0m	Days on well	4.42	LOT		Planned TD	771.0m
RT-MSL	21.5m					Days Since Last LTI	881
RT-ML	78.5m						

Current Op @ 0600: Drilling 12 1/4" hole.
Planned Op: Drill 12 1/4" hole to T.D.

Summary of Period 0000 to 2400 Hrs
 Ran BOP'S. Cement 13 3/8" casing. Make up 12 1/4" BHA.

Operations For Period 0000 Hrs to 2400 Hrs on 18 Oct 2005

From	To	Hrs	Phse	Cls (RC)	Op	Depth	Activity Description
0000	0100	1.00	IH	P	CMC	355.0m	Displace cement with 117bbls and bump plug with 500psi over final circulating pressure to 900psi. Attempt to test casing with 1500psi, slow leak, bleed off and check float holding.
0100	0200	1.00	IH	P	TO	355.0m	Rig down cement lines and release running tool and recover same.
0200	0300	1.00	IH	P	HT	355.0m	Lay down Deep Sea Express equipment.
0300	0600	3.00	EI	P	BOP	355.0m	Hold safety meeting, rig up to run marine riser, make up double of riser.
0600	1400	8.00	EI	P	BOP	355.0m	Run BOP'S, install choke and kill and booster lines and P/Test same with 250/3000psi 5/10mins. Lock in tensioner ring, install storm saddles to pod hoses.
1400	1600	2.00	EI	P	BOP	355.0m	Install RBQ plates on pod reels. Latch BOP and confirm with 50kips over pull on both pods. Close shear rams and perform 250/1500psi 5/10min test on connector against casing. Good Test.
1600	1800	2.00	EI	P	BOP	355.0m	Stroke out slip joint and lay down handling joint and install divertor. Rig down riser handling equipment.
1800	1930	1.50	EI	P	BT	355.0m	Run in hole test plug with 4 stands HWDP and set plug in wellhead @ 75m
1930	2100	1.50	EI	P	BT	355.0m	Close middle pipe ram and test connector with 250/3000psi , 5/10min. Good test. Pull out with test plug.
2100	2230	1.50	EI	P	HBHA	355.0m	Lay down 17 1/2" BHA.
2230	2400	1.50	EI	P	HBHA	355.0m	Make up 12 1/4" BHA.

Operations For Period 0000 Hrs to 0600 Hrs on 19 Oct 2005

From	To	Hrs	Phse	Cls (RC)	Op	Depth	Activity Description
0000	0200	2.00	EI	P	HBHA	355.0m	Make up 12 1/4" BHA
0200	0230	0.50	EI	P	BT	355.0m	Function test divertor.
0230	0300	0.50	EI	P	TI	355.0m	Run in hole and tag cement @ 314m
0300	0600	3.00	EI	P	DFS	355.0m	Drill cement plugs and float equipment and clean out rat hole from 314m to 343m

Operations For Period Hrs to Hrs on

WBM Data				Cost Today				
Mud Type:	Pre-hydrated Gel	API FL:	CI:	Solids:		Viscosity	120sec/qt	
Sample-From:	active	Filter-Cake:	Hard/Ca:	H2O:		PV		
Time:		HTHP-FL:	MBT:	Oil:		YP		
Weight:	1.03ppg	HTHP-cake:	PM:	Sand:		Gels 10s		
Temp:			PF:	Glycol:		Gels 10m		
			pH:	KCl:		Fann 003		
				PHPA:		Fann 006		
						Fann 100		
						Fann 200		
						Fann 300		
						Fann 600		
Comment	Total costs							
	18332.67							

Shakers, Volumes and Losses Data				Engineer : J. Singh			
Equip.	Descr.	Mesh Size	Available	311bbl	Losses	2046bbl	Comments
Shaker 1	4 x 52		Active		Downhole		
Shaker 2	3 x 52 , 1 x 84		Mixing		Surf+ Equip	0bbl	
Shaker 3	4 x 84		Hole		Dumped	1316bbl	
Shaker 4	4 x 84		Slug Reserve	311bbl	De-Gasser		
			Kill	730bbl	De-Sander		
					De-Silter		
					Centrifuge		

Bit # 2				Wear	I	O1	D	L	B	G	O2	R
					0	0			0	I		TD
Size ("):	17.50in	IADC#	1-1-5	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run				
Mfr:	Reed	WOB(avg)	5.2klb	No.	Size	Progress	0.0m	Cum. Progress		243.0m		
Type:	Roller Bearing	RPM(avg)	118	1	16/32nd"	On Bottom Hrs	0.00h	Cum. On Btm Hrs		4.10h		
Serial No.:	X20970	F.Rate	1112gpm	3	22/32nd"	IADC Drill Hrs	0.00h	Cum IADC Drill Hrs		6.50h		
Bit Model	T11	SPP	2181psi			Total Revs	31	Cum Total Revs		62		
Depth In	112.0m	HSI				ROP(avg)	N/A	ROP(avg)		59.27 m/hr		
Depth Out	355.0m	TFA	1.310									

Bit # 3				Wear	I	O1	D	L	B	G	O2	R
Size ("):	12.25in	IADC#	4-1-7	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run				
Mfr:	Reed	WOB(avg)		No.	Size	Progress		Cum. Progress		0.0m		
Type:	Roller Bearing	RPM(avg)		1	28/32nd"	On Bottom Hrs		Cum. On Btm Hrs		0.00h		
Serial No.:	NR2008	F.Rate		2	24/32nd"	IADC Drill Hrs		Cum IADC Drill Hrs		0.00h		
Bit Model	EHP41HK	SPP				Total Revs		Cum Total Revs		0		
Depth In	355.0m	HSI				ROP(avg)	N/A	ROP(avg)		0.00 m/hr		
Depth Out		TFA	1.485									

BHA # 2					
Weight(Wet)	Length	201.5m	Torque(max)	D.C. (1) Ann Velocity	0.0mpm
Wt Below Jar(Wet)	String		Torque(Off.Btm)	D.C. (2) Ann Velocity	0.0mpm
	Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity	0.0mpm
	Slack-Off			D.P. Ann Velocity	0.0mpm

BHA Run Description						
BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
Bit	0.47m	17.50in		X20970		
Bit Sub	1.16m	9.50in				
Drill Collar	18.18m	9.00in				

Equipment	Length	OD	ID	Serial #	Comment
String Stabiliser	2.16m	17.00in			
Drill Collar	9.29m	9.00in			
X/O	1.09m	8.00in			
MWD	12.80m	8.00in			
Drill Collar	17.74m	8.00in			
Drilling Jars	9.05m	8.00in			
Drill Collar	17.74m	8.00in			
X/O	1.10m	8.00in			
HWDP	110.70m	5.00in			

BHA # 3					
Weight(Wet)	50.0klb	Length	252.7m	Torque(max)	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	33.0klb	String		Torque(Off.Btm)	D.C. (2) Ann Velocity
		Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity
		Stack-Off			D.P. Ann Velocity
BHA Run Description					
BHA Run Comment BIT #3 R/R.					

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.25in			
Bit Sub	1.02m	8.00in			
MWD	12.99m	8.00in			
String Stabiliser	2.15m	12.25in			
Drill Collar	70.48m	8.00in			
Drilling Jars	9.05m	9.00in			
Drill Collar	17.47m	8.00in			
X/O	1.10m	8.00in			
HWDP	138.10m	5.00in			

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite	MT	0	1.89		108.4	
Gel	MT	0	0	23.78	99.9	
Cement	MT	0	29.98		162.8	
Drill Water	m ³	0	153	0	550.1	
Fuel Oil	m ³	0	10.8	0	333.1	
Potable Water	m ³	0	0	0	232.3	
Cement Silica	MT				0.0	
Brine	m ³				0.0	
Liquid Mud	m ³				0.0	
Helicopter Fuel	ltr		487	0	5,513.0	

Pumps																	
Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM	SPP (psi)	Flow (gpm)	Depth (m)	SPM1	SPP1 (psi)	Flow1(gpm)	SPM2	SPP2 (psi)	Flow2 (gpm)	SPM3	SPP3 (psi)	Flow3 (gpm)
1	OILWELL	6.00	8.40	97	73	1036	935										
2	NATIONAL	6.00	8.40	97	73	1036	935										
3	NATIONAL	6.00	8.40	97	73	1036	935										

Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	110.90m /	
13.38	/	350.00m / 350.00m	

Personnel On Board			
Job Title	Personnel	Company	Pax
		DOGC	51

Personnel On Board			
		BSOC	5
		ESS	8
		MI Swaco	2
		Dowell Schlumberger	3
		Fugro	6
		Dril-Quip	1
		Geoservices	5
		Sperry Sun	3
		Weatherford	3
		Schlumberger	4
		Petrotech	2
Total			93

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	16 Oct 2005	2 Days		
Environmental Incident	21 Sep 2005	27 Days		
Fire Drill	16 Oct 2005	2 Days	EMERGENCY GENERATOR ROOM	
JSA Reviewed	18 Oct 2005	0 Days	Deck=10, Drill= 8, Tech=0	
Man Overboard Drill	10 Sep 2005	38 Days		
STOP Card Received	18 Oct 2005	0 Days	Corrective= 0 Safe=1	

Marine									
Weather on 18 Oct 2005							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.00mi	30.0kn	90.0deg	1025mbar	16.0C°	2.0m	90.0deg		1	176.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	159.0
0.5deg	0.6deg	0.30m	2.0m	90.0deg				3	216.0
Rig Dir.	Ris. Tension	VDL	Comments				4	243.0	
249.0deg		4088.0klb					5	254.0	
							6	203.0	
							7	251.0	
							8	240.0	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip			Working Ocean Patriot	Item	Unit	Quantity
				Fuel Oil	M3	369
				Potable Water	M3	280
				Drill Water	M3	292
				Cement	MT	0
				Cement Silica	MT	54
				Barite	MT	54.5
Gel	MT	0				
Pacific Wrangler			Melbourne	Item	Unit	Quantity
				Fuel Oil	M3	271
				Potable Water	M3	160
				Drill Water	M3	110
				Cement	MT	0
				Cement Silica	MT	0
				Barite	MT	0
Gel	MT	0				

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow	11:15 / 11:35	17 / 12	