

DRILLING MORNING REPORT # 6
Maclean 1 (Vic/P47)

19 Oct 2005 (GMT +10)

From: R. King / S. Rodda
 To: C. Allport

Well Data							
Country	Australia	M. Depth	673.0m	Cur. Hole Size	12.250in	AFE Cost	\$4,751,978
Field	Maclean	TVD	673.0m	Casing OD	13.375in	AFE No.	
Drill Co.	DOGC	Progress	318.0m	Shoe TVD	350.00m	Daily COST	\$436,559
Rig	Ocean Patriot	Days from spud	3.85	FIT	13.80ppg	Cum Cost	\$3,217,840
Wtr Dpth(MSL)	57.0m	Days on well	5.42	LOT		Planned TD	771.0m
RT-MSL	21.5m					Days Since Last LTI	883
RT-ML	78.5m						

Current Op @ 0600: Drilling 12 1/4" hole.
Planned Op: Pull out to P & A well.

Summary of Period 0000 to 2400 Hrs
 Perform FIT, drill 12 1/4" hole.

Operations For Period 0000 Hrs to 2400 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	0630	3.50	EI	P	DFS	355.0m	Drill cement plugs and float equipment and clean out rat hole from 314m to 355m
0630	0730	1.00	EI	P	D	358.0m	Drill 12 1/4" hole from 355m to 358m. Sweep hole clean with PHG, chase with 100bbls sea water, displace hole with PHPA mud.
0730	0830	1.00	EI	P	LOT	358.0m	Perform F.I.T. w/- 8.7ppg mud. Surface pressure 305psi = EMW 13.8ppg.
0830	2400	15.50	EI	P	D	673.0m	Drill 12 1/4" hole from 358m to 673m. Backream each stand. Control drill for MWD log from 600m on @ 25m/hr.

Operations For Period 0000 Hrs to 0600 Hrs on 20 Oct 2005

From	To	Hrs	Phse	Cls (RC)	Op	Depth	Activity Description
0000	0600	6.00	EI	P	D	766.0m	Drill 12 1/4" hole from 673m to 766m. Control drill @ 25m/hr.

Operations For Period Hrs to Hrs on

WBM Data				Cost Today \$ 28609			
Mud Type:	PHPA	API FL:	1.0cc	Cl:		Solids:	3
Sample-From:	active	Filter-Cake:	1/32nd"	Hard/Ca:	440.0mg/l	H2O:	97%
Time:	21:00	HTHP-FL:		MBT:	5	Oil:	
Weight:	1.06ppg	HTHP-cake:		PM:	0.4	Sand:	
Temp:	80.0C°			PF:	0.2	Glycol:	
				pH:	10	KCl:	2%
						PHPA:	1ppb
Comment	Total costs 46941.36						
						Fann 003	8
						Fann 006	10
						Fann 100	25
						Fann 200	33
						Fann 300	39
						Fann 600	54

Shakers, Volumes and Losses Data Engineer : J. Singh

Equip.	Descr.	Mesh Size	Available	1130bbl	Losses	263bbl	Comments
Shaker 1	4 x 110		Active	752bbl	Downhole		
Shaker 2	2 x 165 , 2 x 84		Mixing		Surf+ Equip	263bbl	
Shaker 3	4 x 84		Hole Plug Reserve	378bbl	Dumped De-Casser		
Shaker 4	4 x 84		Kill		De-Sander		
					De-Silter Centrifuge		

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)	14.8klb	No.	Size	Progress	318.0m	Cum. Progress		318.0m		
Type:	Roller Bearing	RPM(avg)	125	1	28/32nd"	On Bottom Hrs	12.40h	Cum. On Btm Hrs		12.40h		
Serial No.:	NR2008	F.Rate	950gpm	2	24/32nd"	IADC Drill Hrs	15.50h	Cum IADC Drill Hrs		15.50h		
Bit Model	EHP41HK	SPP	1460psi			Total Revs	130	Cum Total Revs		130		
Depth In	355.0m	HSI				ROP(avg)	25.65 m/hr	ROP(avg)		25.65 m/hr		
Depth Out		TFA	1.485									

BHA # 3							
Weight(Wet)	50.0klb	Length	252.7m	Torque(max)	6kft-lbs	D.C. (1) Ann Velocity	
Wt Below Jar(Wet)	33.0klb	String	190.0klb	Torque(Off.Btm)	4kft-lbs	D.C. (2) Ann Velocity	
		Pick-Up	190.0klb	Torque(On.Btm)	4kft-lbs	H.W.D.P. Ann Velocity	
		Slack-Off	190.0klb			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			

Survey

MD	Incl Deg	Corr. Az (deg)	TVD	'V' Sect	Dogleg (deg/100ft)	N/S	E/W	Tool Type
555.05	0.28	329.55	555.0					
583.55	0.27	340.51	583.5					
611.79	0.20	330.07	611.7					
640.29	0.06	295.87	640.2					
669.26	0.22	352.26	669.2					

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite	MT	0	0		108.4
Gel	MT	0	12.73	0	87.2
Cement	MT	0	0		162.8
Drill Water	m ³	0	39.7	31	541.4
Fuel Oil	m ³	0	15	114.9	433.0
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		351	-590	4,572.0

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)

Pumps												
Pump Data - Last 24 Hrs							Slow Pump Data					
1	OILWELL	6.00	8.90	97	80	1770	935	358.0	40	120		
2	NATIONAL	6.00	8.90	97	70	1770	935	358.0	50	140		
3	NATIONAL	6.00	8.90	97	73	1770	935	652.0	20	140		

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	50
		BSOC	5
		ESS	8
		MI Swaco	2
		Dowell Schlumberger	3
		Fugro	6
		Dril-Quip	1
		Geoservices	5
		Sperry Sun	3
		Schlumberger	4
		Petrotech	2
Total			89

HSE Summary					
Events	Date of last	Days Since	Descr.	Remarks	
Abandon Drill	16 Oct 2005	3 Days			
Environmental Incident	21 Sep 2005	28 Days			
Fire Drill	16 Oct 2005	3 Days	EMERGENCY GENERATOR ROOM		
JSA Reviewed	19 Oct 2005	0 Days	Deck=9, Drill= 6, Tech=0		
Man Overboard Drill	10 Sep 2005	39 Days			
STOP Card Received	19 Oct 2005	0 Days	Corrective= 5, Safe= 3		

Marine									
Weather on 19 Oct 2005							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.00mi	15.0kn	90.0deg	1018mbar	16.0C°	1.0m	90.0deg		1	192.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	165.0
0.4deg	0.4deg	0.30m	2.5m	90.0deg				3	238.0
Rig Dir.	Ris. Tension	VDL	Comments						
249.0deg		3940.0klb							
								4	240.0
								5	227.0
								6	220.0
								7	291.0
								8	240.0

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip			Working Ocean Patriot	Item	Unit	Quantity
				Fuel Oil	M3	363
				Potable Water	M3	277
				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

				Item	Unit	Quantity
				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	Medivac	1550 / 1630	0 / 1	Medivac.