

DRILLING MORNING REPORT # 7
Maclean 1 (Vic/P47)

20 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	93.0m	Shoe TVD	350.00m	Daily COST	\$2,586
Rig	Ocean Patriot	Days from spud	4.85	FIT	13.80ppg	Cum Cost	\$49,502
Wtr Dpth(MSL)	57.0m	Days on well	6.42	LOT		Planned TD	771.0m
RT-MSL	21.5m					Days Since Last LTI	885
RT-ML	78.5m						

Current Op @ 0600:	Run 13 3/8" bridge plug, set #3 cement plug.
Planned Op:	Pull BOP'S. Complete P&A well.

Summary of Period 0000 to 2400 Hrs
Drilled 12 1/4" hole to TD. Started P&A program

Operations For Period 0000 Hrs to 2400 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.
0600	0630	0.50	PA	P	CIR	766.0m	Circulate bottoms up and flow check.
0630	0900	2.50	PA	P	TO	766.0m	Pull out from 766m to 622m , backream from 622m to 350m due to excessive drag.
0900	1000	1.00	PA	P	TO	766.0m	Circulate hole clean, flow check and pump slug.
1000	1300	3.00	PA	P	HBHA	766.0m	Pull out from 350m, down load MWD and lay down same. Rack back BHA.
1300	1530	2.50	PA	P	TI	766.0m	Make up mule shoe and run in hole OEDP to 766m.
1530	1700	1.50	PA	P	CMP	766.0m	Make up cement line and pressure test same with 1000psi. Mix and pump cement plug #1a. Mix and pump 62.4bbbls slurry @ 15.8ppg, 304sx Class G, with 36bbbls mix water.
1700	1830	1.50	PA	P	CMP	766.0m	Pull back from 766m to 666m, circulate 40bbbls, rig up cement line and pressure test with 1000psi. Mix and pump cement plug #1b. Mix and pump 62.4bbbls slurry @ 15.8ppg, 304sx Class G, with 36bbbls mix water.
1830	1930	1.00	PA	P	CIR	766.0m	Pull back from 666m to 530m and circulate hole clean, no cement returns. Pull back to 500m and spot 60bbbls hi-vis.
1930	2030	1.00	PA	P	CMP	766.0m	Pull back from 500m to 400m rig up cement line and pressure test with 1000psi. Mix and pump cement plug #2. Mix and pump 65bbbls slurry @ 15.8ppg 314sx Class G, with 38bbbls mix water.
2030	2100	0.50	PA	P	CIR	766.0m	Pull back 400m to 270m and circulate hole clean, no cement returns.
2100	2400	3.00	PA	P	WOC	766.0m	Wait on Cement. Pull out and lay down excess drillpipe and drill collars.

Operations For Period 0000 Hrs to 0600 Hrs on 21 Oct 2005

From	To	Hrs	Phse	Cls (RC)	Op	Depth	Activity Description
0000	0130	1.50	PA	P	WOC	766.0m	Lay down excess drill collars. Lay down hangoff tool.
0130	0230	1.00	PA	P	TI	766.0m	Run in hole with cement stinger and tag cement at 274m.
0230	0300	0.50	PA	P	CIR	766.0m	Circulate well to inhibited mud.
0300	0500	2.00	PA	P	LDP	766.0m	Lay down all excess drillpipe.
0500	0600	1.00	PA	P	TI	766.0m	Make up and run 13 3/8" bridge plug to 150m

Operations For Period Hrs to Hrs on

WBM Data		Cost Today \$ 2586							
Mud Type:	PHPA	API FL:	1.0cc	CI:		Solids:	4	Viscosity	67sec/qt
Sample-From:	active	Filter-Cake:	1/32nd"	Hard/Ca:	400.0mg/l	H2O:	96%	PV	15cp
Time:	15:00	HTHP-FL:		MBT:	8	Oil:		YP	27lb/100ft²
Weight:	1.09ppg	HTHP-cake:		PM:	0.3	Sand:		Gels 10s	8
Temp:	80.0C°			PF:	0.03	Glycol:		Gels 10m	14
				pH:	8.5	KCl:	3%	Fann 003	8
						PHPA:	1ppb	Fann 006	10
								Fann 100	27
								Fann 200	36
								Fann 300	42
								Fann 600	57
Comment	Total costs		49526.94						

Shakers, Volumes and Losses Data				Engineer : J. Singh			
Equip.	Descr.	Mesh Size	Available	1027bbl	Losses	113bbl	Comments
Shaker 1	4 x 110		Active	826bbl	Downhole		
Shaker 2	2 x 165 , 2 x 84		Mixing		Surf+ Equip	113bbl	
Shaker 3	4 x 84		Hole		Dumped		
Shaker 4	4 x 84		Slug		De-Gasser		
			Reserve	201bbl	De-Sander		
			Kill		De-Silter		
					Centrifuge		

Bit # 3				Wear	I	O1	D	L	B	G	O2	R
					2	3	WT	S	E	I	NO	TD
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	93.0m	Cum. Progress	411.0m			
Type:	Roller Bearing	RPM(avg)	118	1	28/32nd"	On Bottom Hrs	4.00h	Cum. On Btm Hrs	16.40h			
Serial No.:	NR2008	F.Rate	852gpm	2	24/32nd"	IADC Drill Hrs	6.00h	Cum IADC Drill Hrs	21.50h			
Bit Model	EHP41HK	SPP	1720psi			Total Revs	130	Cum Total Revs	260			
Depth In	355.0m	HSI				ROP(avg)	23.25 m/hr	ROP(avg)	25.06 m/hr			
Depth Out	766.0m	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					

Survey								
MD	Incl Deg	Corr. Az (deg)	TVD	'V' Sect	Dogleg (deg/100ft)	N/S	E/W	Tool Type
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	0	0	87.2	
Cement	MT	0	0		162.8	
Drill Water	m ³	0	0	0	541.4	
Fuel Oil	m ³	0	11	0	422.0	
Potable Water	m ³	25	26.4	0	230.9	
Cement Silica	MT				0.0	
Brine	m ³				0.0	
Liquid Mud	m ³				0.0	
Helicopter Fuel	ltr		560		4,012.0	

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	9.07	97	73	1730	935										
2	NATIONAL	6.00	9.07	97	73	1730	935										
3	NATIONAL	6.00	9.07	97	73	1730	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
		BSOC	5
		ESS	8
		MI Swaco	2
		Dowell Schlumberger	3
		Fugro	6
		Dril-Quip	1
		Geoservices	3
		Sperry Sun	3
		Schlumberger	2
		Smith Tool Company	1
Total			85

HSE Summary					
Events	Date of last	Days Since	Descr.	Remarks	
Abandon Drill	16 Oct 2005	4 Days			
Environmental Incident	21 Sep 2005	29 Days			
Fire Drill	16 Oct 2005	4 Days	EMERGENCY GENERATOR ROOM		
JSA Reviewed	20 Oct 2005	0 Days	Deck=10, Drill= 4, Tech=0		
Man Overboard Drill	10 Sep 2005	40 Days			
STOP Card Received	20 Oct 2005	0 Days	Corrective= 0, Safe= 3		

Weather on 20 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	112.0deg	1016mbar	17.0C°	1.0m	90.0deg		1	198.0	
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.3deg	0.3deg	0.30m	2.5m	90.0deg						
Rig Dir.	Ris. Tension	VDL	Comments							
249.0deg		4108.0klb								
								8	251.0	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip			Working Ocean Patriot	Item	Unit	Quantity
				Fuel Oil	M3	351
				Potable Water	M3	274
				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	10:36 / 10:59	5 / 9	