

DRILLING MORNING REPORT # 2
Gilbert-1 A (Vic/P47)

05 Oct 2005 (GMT +10)

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

Well Data							
Country	Australia	M. Depth	107.0m	Cur. Hole Size	36.000in	AFE Cost	\$5,499,486
Field	Gilbert	TVD	107.0m	Casing OD	20.000in	AFE No.	
Drill Co.	DOGC	Progress	34.0m	Shoe TVD	106.00m	Daily COST	\$382,010
Rig	Ocean Patriot	Days from spud	1.02	FIT		Cum Cost	\$2,561,148
Wtr Dpth(MSL)	51.3m	Days on well	1.06	LOT		Planned TD	910.0m
RT-MSL	21.5m					Days Since Last LTI	869
RT-ML	72.8m						

Current Op @ 0600: Drilling 17½" hole
Planned Op: Drill to TD. Wiper trip. Pull out of hole. Run 13 3/8" casing.

Summary of Period 0000 to 2400 Hrs
 Ran and cemented 30" conductor. Making up 17½" BHA.

Operations For Period 0000 Hrs to 2400 Hrs on 05 Oct 2005

From	To	Hrs	Phse	Cls (RC)	Op	Depth	Activity Description
0000	0330	3.50	CONH	P	D	78.0m	Continued drilling 36" hole from 78 - 107m Drilled with low RPM, SPM and WOB until hole opener through hard band encountered at 79m. Then increased parameters to full drilling rates
0330	0400	0.50	CONH	P	CHC	107.0m	Took Anderdrift survey on bottom = 1/2 deg Swept 100 PHG around hole
0400	0430	0.50	CONH	P	WT	107.0m	Made short trip to mudline with hole opener. No drag coming out or going back in hole
0430	0530	1.00	CONH	P	TO	107.0m	Spotted 220 bbls PHG to fill up hole prior to pulling out of hole to run casing. Pulled out of hole and racked back 36" BHA.
0530	0630	1.00	CONH	P	WH	107.0m	Made up double of 5" DP to running tool and install running tool into 30" housing.
0630	0830	2.00	CONH	P	RC	107.0m	Ran in to sea level with 30" casing, fill same and close valve on running tool. Continued to run casing on landing string. Shoe @ 106m RT Bullseye reading 1 degree stb/fwd.
0830	0930	1.00	CONH	P	CMC	107.0m	Rigged up cement lines and test surface lines with 2000 psi, low torque valve in rig up leaked. Changed out and re-tested to 2000 psi, good test.
0930	1100	1.50	CONH	P	CMC	107.0m	Pumped 20 bbls green dye, mix and pumped 182 bbls cement slurry @ 15.8 ppg. Displaced with 26 bbls sea water.
1100	1700	6.00	CONH	P	WOC	107.0m	Wait on cement.
1700	1800	1.00	IH	P	HT	107.0m	Release well head running tool and recovered same on landing string. Break and lay down running tool and cement stand. * Bullseye, 1 degree stb/fwd.
1800	1930	1.50	IH	P	HT	107.0m	Made up 18 3/4" wellhead housing running tool and laid out same. Made up Deep Sea Express cement head and rack back same.
1930	2400	4.50	IH	P	HBHA	107.0m	Hold JSA, laid down 36" BHA and made up 17 1/2" BHA. Picked up and initialize MWD tools and continued to make up 17 1/2" BHA, stab into wellhead with ROV assistance.

Operations For Period 0000 Hrs to 0600 Hrs on 06 Oct 2005

From	To	Hrs	Phse	Cls (RC)	Op	Depth	Activity Description
0000	0030	0.50	IH	P	HBHA	107.0m	Continue to make up BHA
0030	0130	1.00	IH	P	HBHA	107.0m	Tag TOC @ 101m, Drill out cement and shoe and clean out rat hole to 107m
0130	0600	4.50	IH	P	D	220.0m	Drill 17 1/2" hole from 107m to 220m, sweep mid and stand down with PHG.

Operations For Period Hrs to Hrs on

WBM Data		Cost Today \$ 6299					
Mud Type:	Spud Mud	API FL:	CI:	Solids:	Viscosity		150sec/qt
Sample-From:	Active	Filter-Cake:	Hard/Ca:	H2O:	PV		
Time:		HTHP-FL:	MBT:	Oil:	YP		
Weight:	1.05ppg	HTHP-cake:	PM:	Sand:	Gels 10s		
Temp:			PF:	Glycol:	Gels 10m		
			pH:	KCI:	Fann 003		
				PHPA:	Fann 006		
					Fann 100		
					Fann 200		
					Fann 300		
					Fann 600		
Comment		Cummulative cost \$ 11747.94					

Shakers, Volumes and Losses Data				Engineer : Gordon Howie			
Equip.	Descr.	Mesh Size	Available	1396bbl	Losses	555bbl	Comments
Shaker 1	VSM 100	2 x 165, 2 x 110	Active	480bbl	Downhole		
Shaker 2	VSM 100	4 x 84	Mixing		Surf+ Equip	0bbl	
Shaker 3	VSM 100	4 x 84	Hole		Dumped	555bbl	
Shaker 4	VSM 100	2 x 165, 2 x 110	Slug Reserve	916bbl	De-Gasser		
			Kill		De-Sander		
					De-Silter		
					Centrifuge		

Bit # 1				Wear	I	O1	D	L	B	G	O2	R	
					0	0					NO	TD	
Size ("):	26.00in	IADC#	1-1-1	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run					
Mfr:	Reed	WOB(avg)	3.5klb	No.	Size	Progress		34.0m		Cum. Progress			39.0m
Type:	Milled Tooth	RPM(avg)	130	1	16/32nd"	On Bottom Hrs		3.20h		Cum. On Btm Hrs			3.70h
Serial No.:	M26690	F.Rate	1200gpm	3	24/32nd"	IADC Drill Hrs		0.00h		Cum IADC Drill Hrs			0.50h
Bit Model	Y11C	SPP	1100psi			Total Revs				Cum Total Revs			0
Depth In	72.8m	HSI				ROP(avg)		10.62 m/hr		ROP(avg)			10.54 m/hr
Depth Out	107.0m	TFA	1.522										

Bit # 2				Wear	I	O1	D	L	B	G	O2	R	
Size ("):	17.50in	IADC#	1-1-5	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	16/32nd"	On Bottom Hrs				Cum. On Btm Hrs			0.00h
Serial No.:	X20970	F.Rate		3	22/32nd"	IADC Drill Hrs				Cum IADC Drill Hrs			0.00h
Bit Model	T11	SPP				Total Revs				Cum Total Revs			0
Depth In	107.0m	HSI				ROP(avg)		N/A		ROP(avg)			0.00 m/hr
Depth Out		TFA	1.310										

BHA # 1						
Weight(Wet)	Length	117.5m	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	0.62m	26.00in		M26690		
Hole Opener	2.16m	36.00in		17009		
Bit Sub	1.16m	9.50in		507A50	Float installed	

Equipment	Length	OD	ID	Serial #	Comment
Anderdrift	2.81m	9.44in	3.06in	ADB928	Totco ring installed above tool
Drill Collar	27.20m	9.50in	3.00in		
X/O	1.09m	9.38in	3.00in	50800049	
Drill Collar	26.31m	8.00in	3.00in		
X/O	1.10m	7.44in	3.00in	508A614	
HWDP	55.04m	6.38in	3.00in		

BHA # 2							
Weight(Wet)	50.0klb	Length	200.7m	Torque(max)	3000kft-lbs	D.C. (1) Ann Velocity	0.0mpm
Wt Below Jar(Wet)	34.0klb	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	9.56in	3.06in	S07A50	
Drill Collar	18.18m	9.00in	3.00in		
String Stabiliser	2.16m	17.00in	3.06in	207A211	
Drill Collar	9.02m	9.00in	3.06in	00-001-9	
X/O	1.09m	9.50in	2.94in	508A480	
LWD/FEWD	7.01m	8.00in		DM90086008	
MWD	2.73m	8.00in		DA9079924	
DWD	3.06m	8.06in		1599304	
Drill Collar	17.44m	7.88in	3.00in		
Drilling Jars	9.05m	9.06in	3.06in	WDAH02851	
Drill Collar	17.47m	7.88in	3.00in		
X/O	1.10m	7.44in	2.94in	508A614	
HWDP	110.53m	5.00in	2.94in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite	MT	139		0	172.0
Gel	MT	0	19.59	0	61.3
Cement	MT	0	42.7	0	33.3
Fuel Oil	m ³	0	9.3	0	301.4
Potable Water	m ³	27.7	31.9	0	249.7
Drill Water	m ³	359	184.4	0	631.4
Helicopter Fuel	ltr		615	0	1,482.0

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 A1700PT	6.00	8.70	97	95	1100	400										
2	National 12-P-160	6.00	8.70	97	95	1100	400										
3	National 12-P-160	6.00	8.70	97	95	1100	400										

Personnel On Board

Job Title	Personnel	Company	Pax
		DOGC	48
		BSOC	5
		ESS	8
		MI Swaco	3

Personnel On Board			
		Dowell Schlumberger	2
		Fugro	6
		Fugro	2
		Dril-Quip	1
		RPS Hydrosearch	1
		Schlumberger	4
		Geoservices	4
		Sperry Sun	2
		Weatherford	2
		Lake Oil	1
		Petrotech	2
Total			91

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	02 Oct 2005	3 Days	Abandon Ship Drill after fire drill	
BOP Test	18 Sep 2005	17 Days	Last complete BOP test	
Environmental Incident	21 Sep 2005	14 Days	Enviromental Spill Drill	
Fire Drill	02 Oct 2005	3 Days	Simulated fire at #7 & 8 anchor winch	
JSA Reviewed	05 Oct 2005	0 Days	Driller=4, Deck=8, Subsea=2, Mech=1	
Man Overboard Drill	10 Sep 2005	25 Days	Man overboard drill	
STOP Card Received	05 Oct 2005	0 Days	7= Corrective, 4 = Safe	

Marine									
Weather on 05 Oct 2005								Rig Support	
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
5.00mi	15.0kn	230.0deg	1020mbar	14.0C°	1.0m	230.0deg		1	0.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments			
0.5deg	0.4deg		3.0m	210.0deg	6.0ft/min				
Rig Dir.	Ris. Tension	VDL	Comments						
249.0deg		3982.0klb							
								8	271.0

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
				Item	Unit	Quantity
Pacific Wrangler		15:32hrs 04 Oct 05	En route to Melbourne ETA 11:30hrs 5th Oct	Fuel Oil	M3	591.65
				Potable Water	M3	79
				Drill Water	M3	0
				Cement	MT	44
				Barite	MT	0
				Gel	MT	0
Far Grip			Standby at rig	Fuel Oil	M3	293
				Potable Water	M3	350
				Drill Water	M3	170
				Cement	MT	72
				Cement Silica	MT	54
				Barite	MT	
				Gel	MT	65
				Brine	BBLS	430

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	Bristow	1006 / 1030	8 / 5	