Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 14

07 Jun 2008 **From:** B Openshaw/R Rossouw
To: R Oliver

Garfish-1

Well Data

Country	Australia	MDBRT	758.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$30,111,800
Field	Garfish / Longtom	TVDBRT	758.0m	Last Casing OD	13.375in	AFE No.	Garfish-1
Drill Co.	Seadrill	Progress	717.0m	Shoe TVDBRT	746.5m	Daily Cost	AUD$650,000
Rig	West Triton	Days from spud	10.44	Shoe MDBRT	746.5m	Cum Cost	AUD$15,561,134
Wtr Dpth(MSL)	56.3m	Days on well	13.06	FIT/LOT:	2.08sg /		
RT-ASL(MSL)	39.9m	Planned TD MD	2480.0m	Current Op @ 0600	Drilling ahead 8.5in hole at 2145m.		
RT-ML	96.2m	Planned TD TVDRT	2522.9m	Planned Op	Drill ahead to coring point, POOH to run coring assy.		

Summary of Period 0000 to 2400 Hrs

Drilled 8.5in hole from 1365m to 2082m. Shut well in at 2077m and flow check - false alarm due to malfunction of Flow-Show gauge.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		6 Days	Held at 22.00 hours.	Abandon ship drill. Good response by all personnel.
First Aid Case		7 Days	First aid case.	Man leaning against opened door fell and bruised armed. Fit for work.
Incident		5 Days	Dropped insert bushing.	Roughneck removed pin from 30in casing bowls thus allowing bowls to open and the bushings to fall through rotary table one which fell to Texas deck and through the grating and went into the sea. The other landing inside the diverter.
PTW issued	6	0 Days		Permit to work issued for the day.
Safety Meeting	1	0 Days		Weekly safety meeting held at 1300 Saturday and 0045 on Sunday morning.
STOP Card	26	0 Days		Stop cards submitted for the day.
ToolBox Talk	6	0 Days	Held Tool box talk with crews for related tasks.	Held Pretour safety meetings with crews.

Operations For Period 0000 Hrs to 2400 Hrs on 07 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	D2	0000	2130	21.50	2077.0m	Drilled 8.5in hole from 1365m to 2077m.
P12	P	P3	2130	2200	0.50	2077.0m	Observed flow at Flow-Show gauge. Shut well in and flowchecked - false alarm due to malfunction of Flow-Show gauge.
P12	P	D2	2200	2400	2.00	2082.0m	Drilled ahead 8.5in hole from 2077m to 2082m.

Operations For Period 0000 Hrs to 0600 Hrs on 08 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	D2	0000	0600	6.00	2146.0m	Drilled 8.5in hole from 2082m to 2145m. At 2100m, weighted up mud from 10.1ppg to 11.0ppg.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 07 Jun 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	48	25 May 2008	27 May 2008	48.00	2.000	0.0m
Conductor(P2)	19	27 May 2008	28 May 2008	67.00	2.792	132.0m
Conductor Casing(P3)	36.5	28 May 2008	30 May 2008	103.50	4.313	132.0m
Surface Hole(P4)	33	30 May 2008	31 May 2008	136.50	5.688	755.0m
Surface Casing(P5)	45	31 May 2008	02 Jun 2008	181.50	7.563	755.0m
BOPs/Risers(P6)	58	02 Jun 2008	04 Jun 2008	239.50	9.979	755.0m
Production Hole (2)(P12)	74	04 Jun 2008	07 Jun 2008	313.50	13.063	2082.0m

General Comments

00:00 TO 24:00 Hrs ON 07 Jun 2008

General Comments

Operational Comments	West Triton Rig Equipment Concerns 1) There is only one TIW valve onboard. Contract states there should be two. 2) There is no spare IBOP. Contract states there should be two. Also no repair kits in stores, so rig even more exposed. 3) Cyber system unreliable. System suffers from intermittant crashes which can require remote intervention form NOV in Norway. This has serious safety & financial consequences. 4) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting on operational efficiency as well as exposing the rig to spillage of WBM/ OBM should the valve be required to be operated when the Top drive is at monkey board level. This is becoming worse as days are progressing. 5) Link tilt rams bent, making handling of tubulars difficult and increasing time taken to carry out tasks.

WBM Data

Cost Today AUD$ 29883

Mud Type:	KCl/Polymer	API FL:	5.5cc/30min	Cl:	40000mg/l	Solids(%vol):	8%	Viscosity	57sec/qt
Sample-From:	Flowline	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	89%	PV	17cp
Time:	22:00	HTHP-FL:	8.0cc/30min	Hard/Ca:	480mg/l	Oil(%):		YP	29lb/100ft²
Weight:	1.21sg	HTHP-cake:	2/32nd"	MBT:	5	Sand:	1	Gels 10s	14
Temp:	49C°			PM:	0.2	pH:	9	Gels 10m	20
				PF:	0.2	PHPA:	2ppb	Fann 003	12
								Fann 006	14
								Fann 100	30
								Fann 200	40
								Fann 300	46
								Fann 600	63

Comment: Added 10ppb Calcium Carbonate to premix to maintain active concentration. Treated increased hardness by addition of Soda Ash to the active. Continue adding EZ Mud to active to maintain concentration and inhibition. Prepare further 450bbl KCl/Polymer/Clayseal premix, weighted to 9.5ppg for dilution volume. Added 10ppb Calcium Carbonate to active prior to 2000m to minimize any potential seepage losses. Dump sand trap as required to prevent solids build up.

Bit # 5

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	8.50in	IADC#		**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Reed Hycalog	WOB(avg)	24.00klb	No.	Size	Progress	717.0m	Cum. Progress	1324.0m
Type:	PDC	RPM(avg)	145	2	10/32nd"	On Bottom Hrs	14.6h	Cum. On Btm Hrs	24.0h
Serial No.:	117876	F.Rate	800gpm	5	14/32nd"	IADC Drill Hrs	23.5h	Cum IADC Drill Hrs	41.0h
Bit Model	RSX519M-A2	SPP	2550psi			Total Revs		Cum Total Revs	0
Depth In	758.0m	HSI				ROP(avg)	49.11 m/hr	ROP(avg)	55.17 m/hr
Depth Out		TFA	0.905						

Bit Comment

BHA # 5

Weight(Wet)	36.00klb	Length	191.3m	Torque(max)	8000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	200.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	206.00klb	Torque(On.Btm)	5000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	196.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: 8.5in PDC bit, NB Stab, Ported Float, Pony DC, S Stab, x/o, GVR-6-LWD, Power Pulse, 6 x 6.5in DC's, x/o, 6 x 5.5in HWDP, x/o, Jar, x/o, 5 x 5.5in HWDP

BHA Run Comment

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
			0.00	0.0	0.0	0.0	0.0	
1480.34	0.7	19.3	1480.32	2.0	2.0	-2.0	0.2	
1569.44	0.8	16.4	1569.41	3.1	3.1	-1.7	0.1	
1599.08	0.8	17.9	1599.05	3.5	3.5	-1.6	0.1	
1745.75	1.1	5.0	1745.70	5.9	5.9	-1.1	0.3	
1893.73	1.2	353.3	1893.65	8.8	8.8	-1.2	0.2	
2040.91	1.6	351.0	2040.78	12.4	12.4	-1.7	0.3	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	190	48	0	400.0
Rig Fuel	m3	0	16	0	230.0
POTABLE WATER	MT	13	27	0	254.0
Cement Class G	MT	0	0	0	78.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	11	0	140.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	1.21	97	69	2550	400
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50	1.21	97	69	2550	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1820.0	20	300	117	30	350	176	40	400	234
	20		117	30		176	40		234
1820.0	20	300	117	30	350	176	40	400	234

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	127.76m / 127.76m	Pumped 150 bbls "G" cement slurry at 15.80 ppg with 3% Calcium chloride.
13.38	/ 2.08sg	746.53m / 746.53m	Lead cement slurry 377 bbls "G" at 12.5 ppg, followed by tail slurry of 63 bbls "G" at 15.80 ppg.

Personnel On Board

Company	Pax
ADA	8
Seadrill	14
Seadrill Services.	42
Catering	9
Halliburton	2
Baker Hughes Inteq	6
Halliburton	2
Tamboritha	3
Schlumberger MWD/LWD	2
Tasman	1
Total	89

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Brian Auckram/Tim Waldhuter

Available	**2748.2bbl**
Active	554.0bbl
Mixing	
Hole	624.2bbl
Slug	
Reserve	1240.0bbl
Kill	
Brine	330.0bbl

Losses	**336.9bbl**
Downhole	
Surf+ Equip	176.9bbl
Dumped	160.0bbl
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	255
Shaker 2	VSM-300	255
Shaker 3	VSM-300	255
Shaker 4	VSM-300	255

Comments

Marine

Weather on 07 Jun 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	45.0deg	1029.0mbar	13C°	0.5m	45.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
111.4deg	430.00klb	2748.00klb	1.2m	45.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

Pacific Battler — At Geelong

Item	Unit	Used	Quantity
Rig Fuel	m3		552.1
Potable Water	Mt		455
Drill Water	Mt		350
CEMENT G	Mt		82
Barite	Mt		108
Bentonite	Mt		24
MUD	m3		0
	m3		0

Pacific Valkyrie — At Rig

Item	Unit	Used	Quantity
Rig Fuel	m3		230.7
Potable Water	Mt		152
Drill Water	m3		438
CEMENT G	Mt		43
Barite	Mt		42.5
Bentonite	Mt		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1227 / 1246	6 / 1	Coring crew

Slow and intermittent drilling at volcanics horizon from 2073m.