Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 5

29 May 2008 **From:** B Openshaw/S Schmidt
To: R Oliver

Garfish-1

Well Data

Country	Australia	MDBRT	132.0m	Cur. Hole Size	36.000in	AFE Cost	AUD$30,111,800
Field	Garfish / Longtom	TVDBRT	132.0m	Last Casing OD		AFE No.	Garfish-1
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	127.8m	Daily Cost	AUD$627,600
Rig	West Triton	Days from spud	1.44	Shoe MDBRT	127.8m	Cum Cost	AUD$9,232,200
Wtr Dpth(MSL)	56.3m	Days on well	4.06	FIT/LOT:	/		
RT-ASL(MSL)	39.9m	Planned TD MD	2480.0m	Current Op @ 0600	Making up 17.5in BHA.		
RT-ML	96.2m	Planned TD TVDRT	2522.9m	Planned Op	RIH with 17.5in BHA. Drill to casing TD.		

Summary of Period 0000 to 2400 Hrs

Ran and cemented 30in conductor at 127.76m. WOC. Released running tool. POOH and laid out running tool. Lowered Texas deck. Made up slick BHA and RIH. Tagged TOC at 125m. Drilled cement, shoe track and cleaned rathole to 132m. Circulated hole clean. POOH. Picked up 5.5in heavy weight drill pipe.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		4 Days		Abandon ship drill.
First Aid		0 Days		
Incident		0 Days		
Near Miss		0 Days		
PTW issued	16	0 Days		
Safety Meeting	2	4 Days		
STOP Card	34	0 Days		
ToolBox Talk	5	0 Days		Held Tool Box talk with crews for related tasks.

Operations For Period 0000 Hrs to 2400 Hrs on 29 May 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G9	0000	0130	1.50	132.0m	Lowered 30in conductor to sea level, filled casing with sea water and closed valve on running tool. RIH to 94m. Jumped ROV. Attempted to observe stab into well with ROV. Currents too strong. Retreived ROV. Stabbed into well and continued to RIH with conductor to 127.76m
P3	P	F3	0130	0230	1.00	132.0m	Rigged up cement lines, pumped 10 bbl/s sea water and tested lines to 1000 psi. Held pressure for 5 mins. Mixed and pumped 150 bbls "G" cement slurry at 15.80 ppg and displaced with 24 bbls sea water. Differential pressure at end of displacement = 55 psi. Checked flow back: 1 bbl returned. Shoe set at 127.76m. Top 30in conductor at 93.90m.
P3	P	F7	0230	1000	7.50	132.0m	Waited on cement. Jumped ROV and noted bulleyes reading: 3/4 degress forward/port.
P3	P	G8	1000	1200	2.00	132.0m	Released running tool from 30in conductor. POOH and laid out running tool. Picked up and racked back 18.75in CART tool.
P3	P	G1	1200	1430	2.50	132.0m	Held JSA, rigged up slings, lowered Texas deck and installed stairway.
P3	P	G8	1430	1800	3.50	132.0m	Laid out 36in BHA, picked up 22in bit and RIH with slick BHA. Taggged TOC at 125m.
P3	P	D1	1800	1900	1.00	132.0m	Drilled cement, shoe track and cleaned rathole from 125m - 132m.
P3	P	F4	1900	1930	0.50	132.0m	Pumped 75 bbls hi/vis and circulated bottoms up.
P3	P	G8	1930	2130	2.00	132.0m	POOH to 57m.
P3	TP (RE)	G11	2130	2200	0.50	132.0m	Auto elevators not operating correctly. Removed auto elevators and installed manual elevators.
P3	P	G8	2200	2300	1.00	132.0m	POOH and laid out bit.
P3	P	G2	2300	2400	1.00	132.0m	Picked up heavy weight drill pipe and racked back in derrick.

Operations For Period 0000 Hrs to 0600 Hrs on 30 May 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G2	0000	0600	6.00	132.0m	Picked up and racked back 5.5in drilll pipe. 20 stands total. Note: Had the link tilt been operating correctly the time taken for picking up of drill pipe would have been reduced by up to 2 hours.

Operations For Period Hrs to Hrs on

Australian Drilling Associates Pty Ltd ADA

Phase Data to 2400hrs, 29 May 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)	30.5	28 May 2008	29 May 2008	97.50	4.063	132.0m

General Comments

00:00 TO 24:00 Hrs ON 29 May 2008

Operational Comments

West Triton Rig Equipment Concerns

1) Stb crane inoperable due to problem with slewing motor.
2) Port operates very slowly once hydraulic gets hot. This has a serious impact on operational efficiency.
3) Water maker output is not as described in rig equipment list and cannot meet daily demand for fresh water. This could cause rig to shut down if unable to take water from boat during bad weather.
4) There is only one TIW valve onboard. Contract states there should be two.
5) There is no spare IBOP. Contract states there should be two. Also no repair kits in stores, so rig even more exposed.
6) Cyber system unreliable. System suffers from intermittant crashes which can require remote intervention form NOV in Norway. This has serious safety & financial consequences.
7) 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.
8) Link tilt rams bent, making handling of tubulars difficult and increasing time taken to carry out tasks.

WBM Data

Mud Type:	Prehydrated Bentonite	API FL:		Cl:	800mg/l	Solids(%vol):	
Sample-From:	Pit 8	Filter-Cake:		K+C*1000:		H2O:	
Time:	20:00	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	8.50sg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	9
				PF:		PHPA:	

Comment: Drill out cement and shoe track with seawater. Pump 75bbl high vis PHB sweep prior to POOH.

Cost Today

Viscosity	200sec/qt
PV	20cp
YP	70lb/100ft²
Gels 10s	55
Gels 10m	60
Fann 003	52
Fann 006	55
Fann 100	75
Fann 200	85
Fann 300	90
Fann 600	110

Bit # 2

Wear	I	O1	D	L	B	G	O2	R
	0	0	NO	A	0	I	NO	BHA

Bitwear Comments:

Size ("):	23.00in	IADC#	115
Mfr:	Smith Bits	WOB(avg)	10.00klb
Type:	Rock	RPM(avg)	70
Serial No.:	MZ3173	F.Rate	800gpm
Bit Model	XR+ C	SPP	1000psi
Depth In	132.0m	HSI	
Depth Out	132.0m	TFA	1.310

Nozzles

No.	Size
1	16/32nd"
3	22/32nd"

Drilled over last 24 hrs		Calculated over Bit Run	
Progress		Cum. Progress	0.0m
On Bottom Hrs	1.0h	Cum. On Btm Hrs	1.0h
IADC Drill Hrs	1.0h	Cum IADC Drill Hrs	1.0h
Total Revs		Cum Total Revs	0
ROP(avg)	N/A	ROP(avg)	0.00 m/hr

Bit Comment

BHA # 2

Weight(Wet)	33.00klb	Length	86.8m	Torque(max)	4500ft-lbs	D.C. (1) Ann Velocity	43fpm
Wt Below Jar(Wet)		String	105.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	45fpm
		Pick-Up	105.00klb	Torque(On.Btm)	4000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	105.00klb			D.P. Ann Velocity	39fpm

BHA Run Description

BHA Run Comment: Drill out 24" shoe track, drill out cement and float shoe.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.56m	22.00in		MZ3173	
Bit Sub	1.23m	9.50in	3.25in	7207	
Power Pulse	8.84m	9.63in	3.00in		
Drill Collar	18.62m	9.50in	3.00in		

Equipment	Length	OD	ID	Serial #	Comment
X/O	0.47m	9.50in	2.88in	11558	
Drill Collar	28.31m	8.38in	2.88in		
X/O	0.50m	8.25in	2.88in	XT57B	
HWDP	28.22m	5.50in	3.25in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	180	0	0	492.0
Rig Fuel	m3	0	10	0	244.0
POTABLE WATER	MT	0	31	0	189.0
Cement Class G	MT	0	32	0	88.0
Bentonite	MT	0	0	0	36.0
Barite	MT	0	0	-2	186.0

Pumps

Pump Data - Last 24 Hrs

Slow Pump Data

No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	1.01	97	90	1000	750		30		176	40		234	50		293
2	National 14 P-220	6.50	1.01	97	90	1000	750		30		176	40		234	50		293
3	National 14 P-220	6.50		97					20		117	30		176	40		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.

Personnel On Board

Company	Pax
ADA	5
Seadrill	16
Seadrill Services.	41
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	7
Dril-Quip	1
Schlumberger MWD/LWD	3
Cameron	2
Total	90

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Eugene Edwards/Tim Waldhuter

				Equipment	Description	Mesh Size	Comments
Available	**2399.0bbl**	**Losses**	**53.6bbl**				
Active Mixing		Downhole Surf+ Equip	0.0bbl				
Hole	177.0bbl	Dumped	53.6bbl				
Slug		De-Gasser					
Reserve	1337.0bbl	De-Sander					
Kill		De-Silter					
Brine	885.0bbl	Centrifuge					

Marine

Weather on 29 May 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	290.0deg	1028.0mbar	13C°	0.5m	190.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
111.4deg		2706.00klb	0.5m	190.0deg	8s	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		622.038
Potable Water	Mt		457
Drill Water	Mt		381
CEMENT G	Mt		42
Barite	Mt		67
Bentonite	Mt		24
MUD	m3		0
	m3		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie	17.00		On location.	

Item	Unit	Used	Quantity
Rig Fuel	m3		423.7
Potable Water	Mt		448
Drill Water	m3		437
CEMENT G	Mt		42.5
Barite	Mt		42.5
Bentonite	Mt		28.8

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1340 / 1352	7 / 2	Crew change