Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 12

05 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	0.0m	Shoe TVDBRT	746.5m	Daily Cost	AUD$782,882
Rig	West Triton	Days from spud	8.44	Shoe MDBRT	746.5m	Cum Cost	AUD$14,261,134
Wtr Dpth(MSL)	56.3m	Days on well	11.06	FIT/LOT:	2.08sg /		
RT-ASL(MSL)	39.9m	Planned TD MD	2480.0m	Current Op @ 0600	Ready to commence drilling 8.5in hole.		
RT-ML	96.2m	Planned TD TVDRT	2522.9m	Planned Op	Continue to drill 8.5in hole.		

Summary of Period 0000 to 2400 Hrs

Picked up 5.5in DP for 12.25in BHA. Tagged cement at 733m, drilled cement and rathole to 755m. Drilled 3m of new formation and performed FIT to 17.39ppg. POOH 12.25in BHA and made up 8.5in BHA and RIH picking up DP singles.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		4 Days	Held at 22.00 hours.	Abandon ship drill. Good response by all personnel.
First Aid Case		5 Days	First aid case.	Man leaning against opened door fell and bruised armed. Fit for work.
Incident		3 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	15	0 Days		Permit to work issued for the day.
Safety Meeting		5 Days		Weekly safety meeting held at 1300 Saturday and 0045 on Sunday morning.
STOP Card	31	0 Days		Stop cards submitted for the day.
ToolBox Talk	5	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 05 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	G2	0000	0530	5.50	755.0m	Continued picking up drill pipe and tagged cement at 733m. A total of 66 jnts of DP were picked up. Made up TDS and appeared to damage saver sub. Offline: Tested choke line to 5000/350 psi.
P12	TP (RE)	G2	0530	0600	0.50	755.0m	Laid out damaged single DP and inspected saver sub - OK.
P12	P	D1	0600	0930	3.50	755.0m	Drilled cement inside 13.375in casing to shoe at 746.5m and drilled rathole to 755m.
P12	P	D2	0930	1000	0.50	758.0m	Drilled 12.25in hole from 755m to 758m
P12	P	F4	1000	1030	0.50	758.0m	Circulated bottoms up and conditioned mud.
P12	P	E1	1030	1100	0.50	758.0m	Lined up Halliburton and performed FIT. Pumped 1.8bbl to reach a pressure of 1020psi - 17.39ppg EMW. No sign of leak off. Stopped pumping. Bled back 1.8bbl fluid.
P12	P	G1	1100	1230	1.50	758.0m	Changed out bails to drilling bails, new crew held JSA, continued changing out bails and picked up 5.5in elevators.
P12	P	G8	1230	1500	2.50	758.0m	Held JSA, flowchecked and POOH wet from 758m to BHA at 87m. Flowchecked - static.
P12	P	G8	1500	1600	1.00	758.0m	Continued POOH with BHA from 87m to surface. Broke out bit.
P12	P	G1	1600	1630	0.50	758.0m	Cleared rig floor of excessive equipment and prepared for 8.5in BHA.
P12	P	G6	1630	1830	2.00	758.0m	Held JSA and made up 8.5in BHA to 76m.
P12	P	G6	1830	2030	2.00	758.0m	Changed out 5in manual elevators to 5.5in auto elevators. RIH with 2 stands HWDP from 76m to 132m.
P12	P	G6	2030	2130	1.00	758.0m	Changed out 5.5in elevators to 5in manual. Picked up jar and RIH to 144m.
P12	P	G6	2130	2230	1.00	758.0m	Changed out 5in manual elevators to 5.5in auto elevators. RIH 2 stands 5.5in HWDP to 191m, laid out one single HWDP.
P12	P	G2	2230	2400	1.50	758.0m	Held JSA, adjusted link tilt clamps and commenced picking up 5.5in DP singles from 191m to 280m.

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Operations For Period 0000 Hrs to 0600 Hrs on 06 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	G2	0000	0530	5.50	758.0m	Continued RIH with 8.5in bit from 280m to 734m picking up 73 DP singles. Stood back 6 stands of DP in derrick to make way in the string for a total of 75jnts to be picked up.
P12	P	G11	0530	0600	0.50	758.0m	Serviced TDS.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 05 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)	26	04 Jun 2008	05 Jun 2008	265.50	11.063	758.0m

General Comments

00:00 TO 24:00 Hrs ON 05 Jun 2008

Operational Comments	West Triton Rig Equipment Concerns 1) Stb crane inoperable due to problem with slewing motor. 2) 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. 3) There is only one TIW valve onboard. Contract states there should be two. 4) There is no spare IBOP. Contract states there should be two. Also no repair kits in stores, so rig even more exposed. 5) Cyber system unreliable. System suffers from intermittant crashes which can require remote intervention form NOV in Norway. This has serious safety & financial consequences. 6) 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. 7) Link tilt rams bent, making handling of tubulars difficult and increasing time taken to carry out tasks.

WBM Data — Cost Today AUD$ 2735

Mud Type:	KCl/Polymer	API FL:	6.0cc/30min	Cl:	45000mg/l	Solids(%vol):	3%	Viscosity	58sec/qt
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:	9%	H2O:	94%	PV	15cp
Time:	20:00	HTHP-FL:	8.5cc/30min	Hard/Ca:	200mg/l	Oil(%):		YP	27lb/100ft²
Weight:	9.50sg	HTHP-cake:	2/32nd"	MBT:		Sand:		Gels 10s	9
Temp:				PM:	0.5	pH:	9.5	Gels 10m	12
				PF:	0.42	PHPA:	1ppb	Fann 003	9
								Fann 006	11
								Fann 100	25
								Fann 200	35
								Fann 300	42
								Fann 600	57

Comment: Continue to circulate new KCl/Polymer/Clayseal mud with mix pumps to aid shearing of PHPA. Displace well to KCl/Polymer/Clayseal mud while drilling cement and shoe track. Treat mud with Citric Acid and Sodium Bicarbonate while drilling out cement.

Bit # 4

Wear	I	O1	D	L	B	G	O2	R
	1	1	RR	A	E	I	RR	TD

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	12.25in	IADC#	215	No.	Size	Progress		Cum. Progress	0.0m
Mfr:	SMITH	WOB(avg)		4	18/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h
Type:	Rock	RPM(avg)				IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Serial No.:	MX 8625	F.Rate				Total Revs		Cum Total Revs	0
Bit Model	SVHC	SPP				ROP(avg)	N/A	ROP(avg)	0.00 m/hr
Depth In	755.0m	HSI							
Depth Out	758.0m	TFA	0.994						

Bit Comment: Bit for drilling out cement in 13.375 casing and for LOT only.

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)		No.	Size	Progress		Cum. Progress	0.0m
Type:	PDC	RPM(avg)		2	10/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h
Serial No.:	117876	F.Rate		5	14/32nd"	IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Bit Model	RSX519M-A2	SPP				Total Revs		Cum Total Revs	0
Depth In	758.0m	HSI				ROP(avg)	N/A	ROP(avg)	0.00 m/hr
Depth Out		TFA	0.905						

Bit Comment

BHA # 4

Weight(Wet)		Length	87.0m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description	12.25in bit, float sub, 3x8in DC's, Jar, 2x8in DC's, 1 stnd HWDP
BHA Run Comment	BHA for drilling out cement in 13.375in casing and for LOT only

BHA # 5

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

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	16	0	275.0
Rig Fuel	m3	100	14	0	262.0
POTABLE WATER	MT	112	24	15	286.0
Cement Class G	MT	0	0	0	78.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	151.0

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	/	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	6
Seadrill	14
Seadrill Services.	42
Catering	9
Halliburton	2
Baker Hughes Inteq	4
Halliburton	2
Tamboritha	3
Schlumberger MWD/LWD	2

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Personnel On Board

Total	84

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Brian Auckram/Tim Waldhuter

Available	**2700.5bbl**
Active	510.0bbl
Mixing	
Hole	418.5bbl
Slug	
Reserve	1472.0bbl
Kill	
Brine	300.0bbl

Losses	**58.2bbl**
Downhole	
Surf+ Equip	58.2bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 05 Jun 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	90.0deg	1025.0mbar	10C°	0.3m	90.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
111.4deg	430.00klb	2689.00klb	1.0m	90.0deg	8s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		562.1
Potable Water	Mt		417
Drill Water	Mt		327
CEMENT G	Mt		82
Barite	Mt		66
Bentonite	Mt		24
MUD	m3		0
	m3		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			At Rig

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		239.4
Potable Water	Mt		336
Drill Water	m3		454
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	1200 / 1220	7 / 5	Crew change