Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 3

11 May 2008 **From:** S. Corless / R. Rossouw
To: Paul Barrett

Wardie-1

Well Data

Country	Australia	MDBRT	136.0m	Cur. Hole Size	36.000in	AFE Cost	US$13,037,504
Field	West Seahorse	TVDBRT	136.0m	Last Casing OD		AFE No.	Wardie-1
Drill Co.	Seadrill	Progress	4.0m	Shoe TVDBRT		Daily Cost	US$650,000
Rig	West Triton	Days from spud		Shoe MDBRT		Cum Cost	US$1,503,000
Wtr Dpth(MSL)	39.5m	Days on well	2.35	FIT/LOT:	/		
RT-ASL(MSL)	38.0m	Planned TD MD	1790.0m	Current Op @ 0600	Running in hole with stab-in sub on cementing string.		
RT-ML	77.5m	Planned TD TVDRT	1638.0m	Planned Op	Cement 30" conductor casing, RIH with 26" bit to measure length to landing ring inside 30" ML joint. Pick up wellhead, prepare for running and lay out same. Make up 17 1/2" BHA and RIH to drill ahead.		

Summary of Period 0000 to 2400 Hrs

Complete drilling 36" hole from 132m to 136m. Circulate and displace hole to prehydrated gel mud. Run 30" conductor to 73m and wait on visibilty problems to stab shoe into well. Stab into well and run casing, washing past problem areas. Land out 30" casing and rig up Icon clamp at CTU. Troubleshoot Icon bolt tensioner, repair same and tension up clamp.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		7 Days	Abandon drill conducted.	For the drill LB# 1 was made to muster at their alternate station and then moved to their alternate LB.(# 3).
Environmental Incident		80 Days	159 litres of BOP fluid spilt into sea.	Hose not connected to diverter overshot when line was pressurized
Fire Drill		7 Days	Fire drill conducted	Fire was simulated in the emergency generator room.
First Aid		9 Days	Floorman received minor laceration	While working on the BOP a Floorman was struck in the face by a safety lanyard metal clip and received a small laceration on the right hand side of his nose.
Near Miss		9 Days	Tugger wire fell onto rig floor during installation	While changing out a damaged tugger wire. A "snake" joining the old and new wires together released just prior to going over the crown sheave. Both cables fell back down to the rig floor.
PTW issued	13	0 Days		Permit to work issued for the day.
Safety Meeting		1 Day		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 11 May 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	D2	0000	0030	0.50	136.0m	Continue drilling 36" hole from 132m to 136m.
P2	P	F3	0030	0100	0.50	136.0m	Pump and sweep hole with 200bbl flocculated gel mud and then pump 350bbl to displace hole to prehydrated gel.
P2	P	G8	0100	0330	2.50	136.0m	POOH 36" BHA and lay down 2 x 8 1/4" DC's.
P3	P	G1	0330	0430	1.00	136.0m	Rig up to run 30" conductor. Change out bails.
P3	P	G9	0430	0830	4.00	136.0m	Hold PJSM. Pick up 30"x 20" shoe joint and check floats - ok. Continue RIH with 30", 310ppf, R3 casing to 74mRT : 3 x intermediate D60/MT joints, MLS joint with Quik-Jay box up and mudline release joint with 13-3/8" landing ring and Quik-Jay pin down. Conductor shoe positioned approx 1.5m above West Seahorse-3 conductor and 3.5m above seabed.
P3	TP (WO)	G9	0830	0930	1.00	136.0m	No visibility with ROV due to current and gel clouds - unable to see West Seahorse-3 conductor or seabed. Pump seawater down conductor at 400gpm to attempt to clear area around seabed - still no visibility.
P3	TP (WO)	G9	0930	1030	1.00	136.0m	Waiting on improved visibility (slack tide predicted at 11:14hrs).
P3	TP (WO)	G9	1030	1130	1.00	136.0m	Regain intermittent visibility. Conductor observed to be approx 3m offset from WS-3 conductor. Lower shoe to seabed level. Conductor observed to run inside cuttings mound at seabed. Attempt to continue RIH - conductor taking 20klb weight at seabed depth. Attempt to work conductor into hole without success. Operation complicated by

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Quik-jay connector being at CTU level at the same time as shoe at seabed.
P3	TP (WO)	G9	1130	1230	1.00	136.0m	Move to 90° offset angle with ROV. Conductor appears to be slightly to port of hole centre. Pick up 1m. Commence pumping down with 400gpm. Circulate and work casing past hangup point and into hole
P3	P	G9	1230	1300	0.50	136.0m	Continue RIH conductor to 85mRT.
P3	TP (WB)	G9	1300	1430	1.50	136.0m	Conductor connector hanging up on aft side of CTU. Attempt to pull conductor forward using tugger at rig floor and main deck. Unable to run past CTU.
P3	TP (WB)	G9	1430	1530	1.00	136.0m	Prepare and skid cantilever 6" forward.
P3	P	G9	1530	1800	2.50	136.0m	Continue RIH with conductor from 85m to 130m. Took 40klb weight at 130m. Washed down from 130m - 133m (programmed setting depth - MLS joint 3m above seabed). Jump ROV to check height of MLS joint above seabed - poor visibility but joint appears to be in correct position.
P3	P	G9	1800	1930	1.50	136.0m	Install landing ring inserts at CTU.
P3	P	G9	1930	2130	2.00	136.0m	Grind down weld protrusion on 30" for Icon clamp. Stroke CTU to 100mm and install Icon clamp. Bolt tensioning unit for Icon clamp leaking hydraulic fluid - unable to tension clamp to specification.
P3	TP (TP)	G9	2130	2400	2.50	136.0m	Troubleshoot bolt tensioning unit for Icon clamp. Adapt leaking over-stroke pressure relief valve and tension up Icon clamp to target tension.

Operations For Period 0000 Hrs to 0600 Hrs on 12 May 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	TP (TP)	G9	0000	0200	2.00	136.0m	Level up CTU, re-install Icon clamp and tension up same.
P3	P	G9	0200	0300	1.00	136.0m	Take load of 30" conductor casing on CTU and cut conductor 0.3m above Icon clamp.
P3	P	G9	0300	0400	1.00	136.0m	Lay out 2 jnts 30" conductor casing including cut section.
P3	P	G1	0400	0500	1.00	136.0m	Rig down 30" handling equipment and change out bails.
P3	P	G5	0500	0600	1.00	136.0m	Make up Dril-Quip stab-in sub & RIH same. Place 20" centraliser over first connection of 5m DP pup jnt.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 11 May 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Other work scope(P28)	4	09 May 2008	09 May 2008	4.00	0.167	0.0m
Maintenance / Service(P27)	10	09 May 2008	10 May 2008	14.00	0.583	0.0m
Mob/Demob(P1)	6.5	10 May 2008	10 May 2008	20.50	0.854	0.0m
Surface Hole(P4)	9.5	10 May 2008	10 May 2008	30.00	1.250	132.0m
Suspend and Abandon(P21)	2.5	10 May 2008	10 May 2008	32.50	1.354	0.0m
Conductor Casing(P3)	20.5	11 May 2008	11 May 2008	53.00	2.208	136.0m
Conductor(P2)	3.5	11 May 2008	11 May 2008	56.50	2.354	136.0m

WBM Data

Mud Type:	Spud Mud	API FL:	Cl:	0mg/l	Solids(%vol):	3%	
Sample-From:	Pit #1	Filter-Cake:	K+C*1000:		H2O:	97%	
Time:	13:45	HTHP-FL:	Hard/Ca:		Oil(%):		
Weight:	1.06sg	HTHP-cake:	MBT:	35	Sand:		
Temp:	23C°		PM:		pH:	9.5	
			PF:		PHPA:		
Comment		PHG unflocculated					

Cost Today

Viscosity	96sec/qt
PV	24cp
YP	121lb/100ft²
Gels 10s	48
Gels 10m	55
Fann 003	61
Fann 006	67
Fann 100	116
Fann 200	137
Fann 300	145
Fann 600	169

Bit # 1RR

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

Bitwear Comments:

Size ("):	26.00in	IADC#	1-1-1	**Nozzles**	**Drilled over last 24 hrs**	**Calculated over Bit Run**

Mfr:	REED	WOB(avg)	4.00klb	No.	Size	Progress	4.0m	Cum. Progress	59.0m
Type:	Rock	RPM(avg)	120	1	16/32nd"	On Bottom Hrs	0.3h	Cum. On Btm Hrs	2.5h
Serial No.:	34406	F.Rate	800gpm	3	22/32nd"	IADC Drill Hrs	0.5h	Cum IADC Drill Hrs	5.0h
Bit Model	Y11C	SPP	950psi			Total Revs		Cum Total Revs	0
Depth In	76.8m	HSI				ROP(avg)	13.33 m/hr	ROP(avg)	23.60 m/hr
Depth Out	136.0m	TFA	1.310						
Bit Comment									

BHA # 1

Weight(Wet)	107.00klb	Length	136.0m	Torque(max)	5ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String	107.00klb	Torque(Off.Btm)	1ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)	2ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm
BHA Run Description		26" bit, 36" H/O, bit sub, Anderdrift, 36" stab, 2 x 9 1/2" DC, x/o, 5 x 8 1/4" DC, x/o, 6 x HWDP.					
BHA Run Comment							

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	238	0	295.0
Rig Fuel	m3	0	19	0	163.0
POTABLE WATER	MT	0	29	0	124.0
Cement Class G	MT	0	0	0	149.0
Bentonite	MT	0	13	0	29.0
Barite	MT	0	0	0	134.0

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	1.02	97	85	950	1000
2	National 14 P-220	6.50	1.02	97	85	950	1000
3	National 14 P-220	6.50	1.02	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
	30		176	40		234	50		293
1060.0	30		176	40		234	50		293
	20		117	30		176	40		234

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Seadrill Services.	36
Catering	8
Halliburton	2
Baker Hughes	2
Halliburton	2
Dril-Quip	2
Weatherford	2
Schlumberger	7
Expro	1
Bureau Veritas	1
Tamboritha	2
Scientific Drilling	1
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : G.Lange /B.Auckram

Available	2244.0bbl
Active	1575.0bbl
Mixing	
Hole	
Slug	
Reserve	669.0bbl
Kill	

Losses	550.0bbl
Downhole	350.0bbl
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	
Sweeps	200.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	255
Shaker 1	VSM-300	255
Shaker 2	VSM-300	145
Shaker 2	VSM-300	145
Shaker 3	VSM-300	255
Shaker 3	VSM-300	255
Shaker 4	VSM-300	255
Shaker 4	VSM-300	255

Comments

Marine

Weather on 11 May 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	190.0deg	1022.0mbar	14C°	0.2m	190.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
137.2deg		2446.00klb	0.5m	190.0deg	8s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			AtWest Triton

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		403.731
Potable Water	Mt		422
Drill Water	Mt		341
CEMENT G	Mt		42
Barite	Mt		66
Bentonite	Mt		59
MUD	m3		0
	m3		41

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			On-rout Geelong

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		484.61
Potable Water	Mt		346
Drill Water	m3		458
CEMENT G	Mt		0
Barite	Mt		0
Bentonite	Mt		28.8

Gearbox problems have caused the vessel to travel on one engine. A delayed arrival in Geelong is expected.

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Campbell Cove			Released

Bulks

Item	Unit	Used	Quantity
FUEL	Ltrs		72000
Potable Water	Ltrs		10700

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Sirrus Cove			Released

Bulks

Item	Unit	Used	Quantity
FUEL	Ltrs		23850
Potable Water	Ltrs		17500

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1410 / 1423	3 / 2	Tambortitha freight