



**DRILLING MORNING REPORT # 3**  
**West Seahorse-3**

24 Apr 2008

From: B Openshaw / R Rossouw  
To: P Barrett

Well Data							
Country	Australia	MDBRT	125.0m	Cur. Hole Size	36.000in	AFE Cost	AUD\$ 0
Field	West Seahorse	TVDBRT	125.0m	Last Casing OD	30.000in	AFE No.	
Drill Co.	Seadrill	Progress	47.5m	Shoe TVDBRT	122.0m	Daily Cost	AUD\$650,000
Rig	West Triton	Days from spud		Shoe MDBRT	122.0m	Cum Cost	AUD\$1,666,000
Wtr Dpth(MSL)	39.5m	Days on well	2.56	FIT/LOT:	/		
RT-ASL(MSL)	38.0m	Planned TD MD	1870.0m	Current Op @ 0600	Measuring string out of hole after tagging landing collar in 30" conductor.		
RT-ML	77.5m	Planned TD TVDRT	1735.0m	Planned Op	Make final cut on conductor above CTU, install diverter and tension up conductor. Make up 17 1/2" BHA, RIH and drill ahead.		

**Summary of Period 0000 to 2400 Hrs**  
Make up 36" BHA, tag seabed @ 77.5m and drill ahead from 77.5m to 125m. Make wiper trip and fill hole with inhibited mud from last well. Run 30" conductor pipe to 122m, suspend pipe at CTU and cut 30" above CTU. Lay out top 2 jnts pipe.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		3 Days	Adandon drill conducted.	Held adandon drill at 11:45 hours.
Environmental Incident		62 Days	159 litres of BOP fluid spilt into sea.	Hose not connected to diverter overshot when line was pressurized
Fire Drill		31 Days	Fire in the galley	
First Aid		24 Days		
Near Miss		12 Days	Dropping Travelling Blocks	While using talk back system driller leaned on joy stick thus causing travelling blocks to fall 1.5 meters and land on drill pipe that was in rotary table.
PTW issued	10	0 Days		Permit to work issued for the day.
Safety Meeting		5 Days		Weekly safety meeting held.
STOP Card	22	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 24 Apr 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	G6	0000	0330	3.50	0.0m	Continue picking up 36" BHA. Break in new joints 9 1/2" & 8 1/4" DC's.
P4	P	G6	0330	0400	0.50	77.5m	Jump ROV and observe tagging of seabed at 77.5m.
P4	P	D8	0400	0700	3.00	105.0m	Take deviation survey at seabed with Anderdrift tool (0deg) and spud well at 04.15hrs drilling from 77.5m to 125m. Survey at 125m 0deg.
P4	P	F3	0700	0730	0.50	125.0m	Pump 200bbl Hi Vis sweep, displace hole with inhibited mud from last hole.
P4	P	G8	0730	0800	0.50	125.0m	POOH from 125m to 83m, RIH to 125m for wiper trip. No fill. Displace 200bbl inhibited mud.
P4	P	G8	0800	0930	1.50	125.0m	POOH from 125m to surface.
P3	P	G1	0930	1200	2.50	125.0m	Rig up to run 30" conductor. Change out bails and elevators.
P3	P	G9	1200	2100	9.00	125.0m	Hold PJSM and run 30" conductor to 122m. Install Quick Jay joints at 46m complete with release cable. Install 30" guide plates in CTU and fit ICON support clamp for CTU. Land conductor with 90 000 lbs.
P3	P	G9	2100	2130	0.50	125.0m	Make rough cut of 30" conductor 2m above ICON clamp.
P3	P	G9	2130	2230	1.00	125.0m	Lay out 2 jnts 30" conductor including cut-off.
P3	P	G1	2230	2400	1.50	125.0m	Rig down 30" handling equipment, clear rig floor, change out bails and install automatic elevators.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Apr 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G1	0000	0100	1.00	125.0m	RIH with cement stinger and sting into 20" Shoe.
P3	P	F3	0100	0300	2.00	125.0m	Rig up cement lines and cement 30" conductor with 330bbl 15.9ppg slurry - over 200% excess. Observe returns on seabed with ROV - indications of cement returns to surface.
P3	P	F3	0300	0330	0.50	125.0m	Check for backflow, unsting stinger and circulate into conductor.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G1	0330	0430	1.00	125.0m	POOH with stinger.
P3	P	G8	0430	0600	1.50	125.0m	RIH with 26" bit on DP to tag butt weld landing collar inside 30" conductor below Quick Jay connector. Tag landing collar at 86.87m. POOH with string.

**Operations For Period Hrs to Hrs on**

Phase Data to 2400hrs, 24 Apr 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	35	22 Apr 2008	23 Apr 2008	35.00	1.458	0.0m
Surface Hole(P4)	12	23 Apr 2008	24 Apr 2008	47.00	1.958	125.0m
Conductor Casing(P3)	14.5	24 Apr 2008	24 Apr 2008	61.50	2.563	125.0m

WBM Data		Cost Today AUD\$ 14061	
Mud Type:	PHB	API FL:	13.0cc/30min
Sample-From:	Pit	Filter-Cake:	2/32nd"
Time:	23:59	HTHP-FL:	
Weight:	1.02sg	HTHP-cake:	
Temp:	19C°		
Comment	Mixed up 1900bbl 30-40ppb PHB, cut back to 20ppb with seawater and flocculate with 0.3ppb Lime prior to dilution. Due to short hydration time, some sweeps pumped from undiluted PHB to ensure adequate viscosity. Augmented rheology by addition of Barazan-D. Pump regular sweeps as programmed to ensure hole cleaning. Pump 200bbl undiluted sweep at TD and displace well to pad mud. Mix 250bbl Calcium Chloride cement mix water. Recieved 919bbl KCl/polymer mud from Ocean Battler.		

Bit # 1		Wear	I	O1	D	L	B	G	O2	R
			0	0	RR	FIXED NONSEALED CUTTER BEARINGS				TD
Bitwear Comments:										
Size ("):	26.00in	IADC#	111	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr:	REED	WOB(avg)	6.00klb	No.	Size	Progress	47.5m	Cum. Progress		47.5m
Type:	Rock	RPM(avg)	65	1	16/32nd"	On Bottom Hrs	2.3h	Cum. On Btm Hrs		2.3h
Serial No.:	34406	F.Rate	1200gpm	3	22/32nd"	IADC Drill Hrs	3.0h	Cum IADC Drill Hrs		3.0h
Bit Model	Y11C	SPP	1300psi			Total Revs		Cum Total Revs		0
Depth In	77.5m	HSI				ROP(avg)	20.65 m/hr	ROP(avg)		20.65 m/hr
Depth Out	125.0m	TFA	1.310							
Bit Comment										

BHA # 1	
Weight(Wet)	42.00klb
Wt Below Jar(Wet)	
Length	125.0m
String	42.00klb
Pick-Up	42.00klb
Slack-Off	42.00klb
Torque(max)	
Torque(Off.Btm)	
Torque(On.Btm)	
D.C. (1) Ann Velocity	0fpm
D.C. (2) Ann Velocity	0fpm
H.W.D.P. Ann Velocity	0fpm
D.P. Ann Velocity	0fpm

BHA Run Description 26"bit, 36" H/O, Bit sub, Anderdrift, 36" Stab,2 x 9" DC's, x-over, 5 x 81/4" DC's, x-over, 5 x HWDP.

BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
Bit	0.58m	26.00in		34406		
Hole Opener	2.76m	36.00in				
Bit Sub	1.23m	9.50in				
Pulser	3.18m	9.44in	3.00in	ABD905		
Stabiliser	2.33m	36.00in	3.00in	202264		
Drill Collar	18.86m	9.50in	3.06in			
X/O	1.23m	9.50in	3.00in	7124		
Drill Collar	46.98m	8.25in	2.88in			
X/O	1.22m	8.25in	2.81in	7131		



Equipment	Length	OD	ID	Serial #	Comment
HWDP	47.00m	5.50in	3.25in		

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
DRILL WATER	MT	0	306	0	275.0	
Rig Fuel	m3	0	9	0	147.0	
POTABLE WATER	MT	150	33	0	268.0	
Cement Class G	MT	0	0	0	78.0	
Bentonite	MT	0	0	0	57.0	
Barite	MT	0	0	0	95.0	

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	1.02	97	102	1300	600		20		117	30		176	40		234
2	National 14 P-220	6.50	1.02	97	102	1300	600		20		117	30		176	40		234
3	National 14 P-220	6.50	1.02	97					20		117	30		176	40		234

Personnel On Board	
Company	Pax
ADA	6
Seadrill	14
Seadrill Services.	37
Catering	9
Halliburton	2
Baker Hughes	4
Tamboritha	2
Halliburton	2
Dril-Quip	2
Weatherford	2
Q Tech	1
Schlumberger	4
<b>Total</b>	<b>85</b>

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
1402.5bbl	497.2bbl						
Active Mixing	Downhole Surf+ Equip						
Hole	Dumped						
Slug Reserve	De-Gasser De-Sander						
Kill	De-Silter Centrifuge						

Marine							
Weather on 24 Apr 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	45.0deg	1018.0mbar	13C°	0.5m	45.0deg	5s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
137.2deg		2375.00klb	1.0m	45.0deg	8s	Wave and swell heights are estimates.	
Comments							
Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			



<b>Pacific Battler</b>			Alongside Geelong	<b>Item</b>	<b>Unit</b>	<b>Used</b>	<b>Quantity</b>
				Rig Fuel	m3		415
				Potable Water	Mt		262
				Drill Water	Mt		0
				CEMENT G	Mt		0
				Barite	Mt		66
				Bentonite	Mt		59
				MUD	m3		0
	m3		41				

<b>Pacific Valkyrie</b>			Standby West Triton	<b>Item</b>	<b>Unit</b>	<b>Used</b>	<b>Quantity</b>
				Rig Fuel	m3		430.8
				Potable Water	Mt		448
				Drill Water	m3		669
				CEMENT G	Mt		97
				Barite	Mt		82
				Bentonite	Mt		24

<b>Campbell Cove</b>		19.45 hrs	Released	<b>Item</b>	<b>Unit</b>	<b>Used</b>	<b>Quantity</b>
				FUEL	Ltrs		72000
				Potable Water	Ltrs		10700

<b>Sirrus Cove</b>		19.45 hrs	Released	<b>Item</b>	<b>Unit</b>	<b>Used</b>	<b>Quantity</b>
				FUEL	Ltrs		23850
				Potable Water	Ltrs		17500

<b>Helicopter Movement</b>				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1337 / 1350	17 / 10	Removed one pax due to excess weight