



DRILLING MORNING REPORT # 5
Wardie-1

13 May 2008

From: S. Corless / S Schmidt.
To: Paul Barrett

Well Data							
Country	Australia	MDBRT	751.0m	Cur. Hole Size	17.500in	AFE Cost	US\$13,037,504
Field	West Seahorse	TVDBRT	706.8m	Last Casing OD	30.000in	AFE No.	Wardie-1
Drill Co.	Seadrill	Progress	590.0m	Shoe TVDBRT	133.0m	Daily Cost	US\$1,347,000
Rig	West Triton	Days from spud	3.19	Shoe MDBRT	133.0m	Cum Cost	US\$3,500,000
Wtr Dpth(MSL)	39.5m	Days on well	4.35	FIT/LOT:	/		
RT-ASL(MSL)	38.0m	Planned TD MD	1790.0m	Current Op @ 0600	Skidding rig to align casing with hole centre.		
RT-ML	77.5m	Planned TD TVDRT	1638.0m	Planned Op	Run 13 3/8" casing, cement casing, nipple up Bop's.		

Summary of Period 0000 to 2400 Hrs
Drill 17 1/2" hole to section TD at 751mMD. POOH. Laid out 17 1/2" BHA.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
First Aid		1 Day	Roustabout struck knee on casing	A roustabout was reaching for a tagline when his front foot slipped off a joint of casing causing him to straddle the joint of casing. As he straddled the casing his right knee contacted the casing and he sustained bruising to the knee. He was sent to shore for precautionary X-ray.	
Near Miss		11 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	9	0 Days		Permit to work issued for the day.	
Safety Meeting		3 Days		Weekly safety meeting held at 1300 Saturday and 0045 on Sunday morning.	
STOP Card	18	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 13 May 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D8	0000	0030	0.50	170.0m	Drilled ahead 17 1/2" hole from 161m to 170m. Relatively high MWD checkshot inclination of >1° at 143m (unclear reading). Decided to run gyro survey to confirm azimuth.
P4	P	E6	0030	0230	2.00	170.0m	Rigged up Schlumberger and ran gyro survey on wireline. Survey at 135m is 2.33° inc, 331° azi (away from WS-3) and 7.6m offset from West Seahorse-3. Rigged down Schlumberger.
P4	P	D8	0230	0400	1.50	170.0m	Continued drilling 17 1/2" hole from 170m to to KOP at 250m.
P4	P	D8	0400	1400	10.00	751.0m	Directionally drilled 17-1/2" hole from 250m - 751m (section TD). Pumped 2 x 30bbl flocculated gel sweeps per stand and spotted 30bbl pre-hydrated gel on bottom at each connection.
P4	P	F4	1400	1530	1.50	751.0m	Pumped 2 x 100 bbls h/vis and circulated hole clean. Displaced hole to 950bbls viscosified mud saved from West Seahorse-3.
P4	P	G8	1530	1830	3.00	751.0m	POOH to 20" shoe. Hole good. 20k overpull top 17 1/2" stab at shoe. Install TDS, pump and rotate through shoe. No resistance. Continue to POOH to BHA at 117m.
P4	P	G6	1830	2230	4.00	751.0m	Laid out 17 1/2" BHA.
P4	P	G15	2230	2400	1.50	751.0m	Picked up and made up cementing head and racked back in derrick.

Operations For Period 0000 Hrs to 0600 Hrs on 14 May 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	F3	0000	0030	0.50	751.0m	RIH with jetting tool, jet MLS, POOH.
P5	P	G1	0030	0200	1.50	751.0m	Rigged up to run 13 3/8" casing.
P5	P	G9	0200	0430	2.50	751.0m	Held JSA and run 13 3/8" casing as per program to 113m. Casing hanging up at MLS.
P5	TP (WB)	M2	0430	0530	1.00	751.0m	Attempted to skid rig to align casing with hole centre. Seal on skidding system hydraulic hose burst. Replaced same.
P5	TP (WB)	M2	0530	0600	0.50	751.0m	Skidded rig.



Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 13 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
Conductor(P2)	9.5	10 May 2008	10 May 2008	13.50	0.563	132.0m
Suspend and Abandon(P21)	2.5	10 May 2008	10 May 2008	16.00	0.667	0.0m
Mob/Demob(P1)	6.5	10 May 2008	10 May 2008	22.50	0.938	0.0m
Maintenance / Service(P27)	10.5	09 May 2008	12 May 2008	33.00	1.375	136.0m
Conductor Casing(P3)	32.5	11 May 2008	12 May 2008	65.50	2.729	136.0m
Surface Casing(P5)	4.5	12 May 2008	12 May 2008	70.00	2.917	136.0m
Surface Hole(P4)	34.5	11 May 2008	13 May 2008	104.50	4.354	751.0m

General Comments	
00:00 TO 24:00 Hrs ON 13 May 2008	
Operational Comments	Jars = 102 hours.

WBM Data		Cost Today						
Mud Type:	Spud Mud	API FL:	Cl: 0mg/l	Solids(%vol):	3%	Viscosity	100sec/qt	
Sample-From:	Pit #1	Filter-Cake:	K+C*1000:	H2O:	97%	PV	24cp	
Time:	12:00	HTHP-FL:	Hard/Ca:	Oil(%):		YP	103lb/100ft²	
Weight:	1.06sg	HTHP-cake:	MBT: 30	Sand:		Gels 10s	49	
Temp:	22C°		PM:	pH: 9.5		Gels 10m	55	
			PF:	PHPA:		Fann 003	57	
						Fann 006	59	
						Fann 100	98	
						Fann 200	118	
						Fann 300	127	
						Fann 600	151	
Comment	PHG unflocculated							

Bit # 2			Wear	I	O1	D	L	B	G	O2	R
				1	1	NO	A	0	I	NO	TD
Bitwear Comments:											
Size ("):	17.50in	IADC#	115	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run			
Mfr:	HUGHES	WOB(avg)	5000.00klb	No.	Size	Progress	590.0m	Cum. Progress		615.0m	
Type:	Rock	RPM(avg)	60	3	20/32nd"	On Bottom Hrs	13.4h	Cum. On Btm Hrs		13.9h	
Serial No.:	6065891	F.Rate	1150gpm			IADC Drill Hrs	12.0h	Cum IADC Drill Hrs		13.0h	
Bit Model	MXL-T1V	SPP	2575psi			Total Revs	60961	Cum Total Revs		60961	
Depth In	136.0m	HSI				ROP(avg)	44.03 m/hr	ROP(avg)		44.24 m/hr	
Depth Out	751.0m	TFA	0.920								
Bit Comment											

BHA # 2							
Weight(Wet)	67.60klb	Length	230.0m	Torque(max)	5000ft-lbs	D.C. (1) Ann Velocity	118fpm
Wt Below Jar(Wet)	40.00klb	String	144.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	158.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	102fpm
		Slack-Off	133.00klb			D.P. Ann Velocity	102fpm

BHA Run Description 17 1/2" bit, mud motor, stab, x/o, float sub, 3 x NMDC pony, x/o, power pulse, UBHO, 2 x NMDC, 4 x 8 1/4" DC, jar, 2 x 8 1/4" DC, x/o, 12 x HWDP

BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
Bit	0.41m	17.50in		6065891		
Down Hole Motor	10.10m	9.63in	3.00in	5659		
Stabiliser	2.42m	9.50in	3.00in	OSS061172		
X/O	1.23m	9.50in	3.00in	SSD7124		
Float Sub	0.80m	8.00in	2.75in	ASQ8037		
NMDC (Pup)	7.00m	7.88in	2.88in			
X/O	0.47m	8.50in	2.75in	42755		
MWD	8.49m	8.25in	3.00in	VA77		



Equipment	Length	OD	ID	Serial #	Comment
UBHO Sub	0.86m	8.00in	2.63in	S509913	
NM Drill Collar	18.10m	8.25in	3.00in		
Drill Collar	37.63m	8.25in	2.88in		
Jars	9.68m	8.25in	3.00in	1762-1339	
Drill Collar	18.89m	8.25in	2.88in		
X/O	1.22m	8.25in	3.25in	5121364	
HWDP	112.10m	5.50in	3.25in		

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/S (m)	E/W (m)	DLS (deg/30m)	Tool Type
260.44	2.1	269.2	260.41					
319.76	8.6	244.3	319.45					
408.20	16.6	238.7	405.51					
466.98	21.1	233.2	461.20					
525.34	27.4	238.0	514.33					
644.23	31.3	240.3	618.23					
674.32	34.0	240.5	643.56					
703.79	34.9	240.1	667.87					
722.54	34.4	239.9	683.29					
751.00	34.4	239.5	706.79					

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
DRILL WATER	MT	0	237	0	172.0	
Rig Fuel	m3	0	12	0	144.0	
POTABLE WATER	MT	0	29	0	285.0	
Cement Class G	MT	0	0	0	135.0	
Bentonite	MT	0	13	0	41.0	
Barite	MT	0	0	0	134.0	

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	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	1.02	97	94	2575	625		30		176	40		234	50		293
2	National 14 P-220	6.50	1.02	97	94	2575	625	1060.0	30		176	40		234	50		293
3	National 14 P-220	6.50	1.02	97					20		117	30		176	40		234

Personnel On Board	
Company	Pax
ADA	5
Seadrill	13
Seadrill Services.	38
Catering	9
Halliburton	2
Baker Hughes Inteq	4
Halliburton	2
Dril-Quip	2
Weatherford	5
Expro	1
Bureau Veritas	1
Tamboritha	2
Schlumberger MWD/LWD	4
Total	88



Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : G.Lange /B.Auckram			
Available	357.0bbl	Losses	2520.0bbl	Equipment	Description	Mesh Size	Comments
Active	227.0bbl	Downhole		Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	0.0bbl	Shaker 1	VSM-300	255	
Hole Slug Reserve	130.0bbl	Dumped De-Gasser De-Sander		Shaker 2	VSM-300	145	
				Shaker 2	VSM-300	145	
				Shaker 3	VSM-300	255	
Kill		De-Silter Centrifuge Sweeps	2520.0bbl	Shaker 3	VSM-300	255	
				Shaker 4	VSM-300	255	
				Shaker 4	VSM-300	255	

Marine

Weather on 13 May 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	50.0deg	1027.0mbar	12C°	0.0m	190.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
137.2deg	44.00klb	2320.00klb	0.0m	190.0deg	8s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Pacific Battler			On location.	Rig Fuel	m3		392.919
				Potable Water	Mt		211
				Drill Water	Mt		3141
				CEMENT G	Mt		0
				Barite	Mt		65.5
				Bentonite	Mt		34
				MUD	m3		0
					m3		41
Pacific Valkyrie			Along Corio Quay.	Rig Fuel	m3		662.78
				Potable Water	Mt		459
				Drill Water	m3		626
				CEMENT G	Mt		42.5
				Barite	Mt		0
				Bentonite	Mt		28.8

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	10.20 / 10.35	8 / 11	Crew Change.