

08 Oct 2008

From: Bill Openshaw / Peter Dane To: Rob Oliver

DRILLING MORNING REPORT # 21 BAZZARD-1

Well Data							
Country	Australia	MDBRT	3450.0m	Cur. Hole Size	12.250in	AFE Cost	AUD\$16,336,000
Field	Bazzard	TVDBRT	3450.0m	Last Casing OD	13.375in	AFE No.	53007D01
Drill Co.	Seadrill	Progress	82.0m	Shoe TVDBRT	841.0m	Daily Cost	AUD\$634,429
Rig	West Triton	Days from spud	18.02	Shoe MDBRT	841.0m	Cum Cost	AUD\$14,774,563
Wtr Dpth (MSL)	67.900m	Days on well	20.21	FIT/LOT:	/ 1.80sg		
RT-MSL	38.500m	Planned TD MD	3500.000m	Current Op @ 0600	RIH with r	RIH with mule shoe on 5.5in drill pipe at 900m	
RT-ML	106.400m	Planned TD TVDRT	3500.000m	Planned Op	Continue	with abandonm	ent program.

Summary of Period 0000 to 2400 Hrs

Drilled 12.25in hole from 3368m to 3450m.

Circulated bottoms up. POOH from 3450m to 118m.

Commenced laying down BHA from 118m to 79m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		11 Days	Held at 10.40 hours.	Abandon ship drill prior to rig move. Good response by all crews.
BOP Test	1	12 Days	Pressure tested Bop's.	21 Days - 17 Oct 08
First Aid Case		13 Days	Third Party received knock on mouth.	
Incident		17 Days	Pinion gear on TDS fell to rig floor.	A pinion gear, weighing 14kg, off the rotating head on the TDS sheared its shaft and fell 3m to the rig floor. Nobody on rig floor at the time.
JSA	10	0 Days		
Muster Drill	1	0 Days	All personnel muster at alternative muster station.	
Pre-tour Meeting	6	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	28	0 Days		Stop cards submitted for the day.
Trip / Kick Drill	1	0 Days	55 sec	

Operations For Period 0000 Hrs to 2400 Hrs on 08 Oct 2008

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P11	Р	D2	0000	0600	6.00	3405.0m	Drilled 12.25in hole from 3368m to 3405m. Average ROP 6.2 m/hr, including connections. Varied parameters to optimise ROP. Average parameters: RPM 80 - 120, WOB 50, GPM 1000, SPM 172, SPP 3000 psi, Torque 8-9k/ft.lbs.
P11	Ρ	D2	0600	1200	6.00	3441.0m	Drilled 12.25in hole from 3405m to 3441m. Average ROP 6.0 m/hr, including connections. Varied parameters to optimise ROP. Average parameters: RPM 120, WOB 50, GPM 1000, SPM 172, SPP 2950 psi, Torque 8-79/ft.lbs.
P11	Ρ	D2	1200	1330	1.50	3450.0m	Drilled 12.25in hole from 3441m to 3450m. Average ROP 6.0 m/hr, including connections. Varied parameters to optimise ROP. Average parameters: RPM 120, WOB 50, GPM 1000, SPM 172, SPP 2950 psi, Torque 8-9k/ft.lbs.
P11	Р	G8	1330	1400	0.50	3450.0m	Flow checked well. Well static, POOH wet from 3450m to 3303m. Hole in good condition.
P11	Р	F3	1400	1430	0.50	3450.0m	Flow checked well, Well Static. Pumped 25 bbls of 12.2 ppg mud and chased with 10.0 ppg mud.
P11	Р	G8	1430	1930	5.00	3450.0m	POOH with 5.5in drill pipe from 3303m to 850m.
P11	Р	G11	1930	2000	0.50	3450.0m	Flow checked well at shoe. Well static. Concurrently serviced TDS.
P11	Р	G8	2000	2200	2.00	3450.0m	POOH with 5.5in drill pipe from 850m to 258m.
P11	Р	G6	2200	2230	0.50	3450.0m	POOH with 5.5in HWDP from 258m to 118m.
P11	Р	G6	2230	2400	1.50	3450.0m	POOH laying down 8.25in drill collars from 118m to 79m.

Operations For Period 0000 Hrs to 0600 Hrs on 09 Oct 2008



Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P11	Р	G6	0000	0100	1.00	3450.0m	POOH laying down 8.25in drill collars from 79m to 32m
P11	Р	G6	0100	0400	3.00	3450.0m	Held JSA and recovered radio active source. Broke off bit and laid out Schlumberger BHA. IADC bit Grade 2-8-BT-2-E-1/16in-CT-TD
P21	Р	G8	0400	0600	2.00	3450.0m	RIH with mule shoe on 5.5in drill pipe from surface to 900m.

Operations For Period Hrs to Hrs on Phase Data to 2400hrs, 08 Oct 2008

Filase Data to 2400115, 00 Oct 2000						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	43	18 Sep 2008	20 Sep 2008	43.00	1.792	0.0m
Conductor Hole(P2)	18.5	20 Sep 2008	21 Sep 2008	61.50	2.563	154.0m
Conductor Casing(P3)	21	21 Sep 2008	22 Sep 2008	82.50	3.438	154.0m
Surface Hole(P4)	58.5	22 Sep 2008	24 Sep 2008	141.00	5.875	850.0m
Surface Casing(P5)	20	24 Sep 2008	25 Sep 2008	161.00	6.708	850.0m
BOPs/Risers(P6)	29	25 Sep 2008	26 Sep 2008	190.00	7.917	850.0m
Production Hole (1)(P11)	295	26 Sep 2008	08 Oct 2008	485.00	20.208	3450.0m

General Comments

00:00 TO 24:00 Hrs ON 08 Oct 2008

WBM Data					Cost To	day AU)\$ 244	4					
Mud Type:	KCI/Polymer	API FL:	6	.6cc/30min	CI:	400)00mg/l	Solids(%vol)):	9%	Viscosity		54sec/qt
Sample-From:	Pit #6	Filter-C	ake:	1/32nd"	K+C*1000:		7%	Low-Gravity			PV YP		13cp 40lb/100ft ²
Time:	21:05	HTHP-F	FL:		Hard/Ca:	20)00mg/l	Solids:			Gels 10s		14
Weight:	9.90ppg	HTHP-0	cake:		MBT:		7.5	H2O:		92%	Gels 10m Fann 003		22
Temp:					PM:			Oil(%): Sand:			Fann 006 Fann 100		
					PF:		0.05	pH:		8	Fann 200 Fann 300		46 53
								PHPA:		1ppb	Fann 600		66
Comment		Continu	ied to weigh	t up system	and Aldacid	e G to contr	ol bacter	ia.					
Bit # 5					Wear	I	01	D	L	В	G	02	R
					Bitwear Co	omments:							I
Size ("):	1	2.25in	IADC#	517	Noz	zles	Drill	ed over last	24 hrs	C	alculated	over Bit F	Run



Mfr: R	Reed WOE	B(avg)	48.00klb	No.	Siz	ze	Progr	ess	82	2.0m (Cum. Pr	ogress		16	63.0m
Туре:	ins RPM	1(avg)	120	3	20	0/32nd"	On Bo	ottom Hrs	1	2.5h	Cum. Or	n Btm H	Irs		26.6h
Serial No.: CW7	795 F.Ra	ate	1000gpm				IADC	Drill Hrs	1	2.5h (Cum IAI	DC Drill	Hrs		26.6h
Bit Model R22AF	DH SPP		3020psi				Total	Revs	187	000	Cum To	tal Rev	s	28	84000
Depth In 3287	_		5.38HSI				ROP(6.56		ROP(av				3 m/hr
Depth Out	TFA		0.920					avg)	0.001			9)		0.10	0 111/111
Bit Comment	IFA		0.920												
BHA # 5															
Weight(Wet) 58.0	0klb Leng	gth			258.8m	Torqu	e(max)		7000f	t-lbs [D.C. (1)	Ann Ve	elocity	29	99fpm
Wt Below Jar(Wet) 34.0	0klb Strin	g		3	321.00klb	Torqu	e(Off.B	tm)	5000f	t-lbs	D.C. (2)	Ann Ve	elocity		0fpm
	Pick-	-Up		3	346.00klb	Torqu	e(On.B	tm)	6000f	t-lbs I	H.W.D.F	P. Ann ۱	/elocity	20	05fpm
	Slac	k-Off		3	300.00klb					[D.P. Anı	n Veloc	ity	20	05fpm
BHA Run Description			oit sub c/w DC, X/O,			Power p	ulse c/v	v 12.12" st	tab, Soni	ic Visio	n 825, A	\DN-8 (c/w 12"	stab, 7	x 8.5"
BHA Run Comment															
Equipment			Leng	gth	OD		ID	Seri	al #			Corr	nment		
Bit			0.3	84m	12.25i	in		CW7795							
Bit Sub				22m	8.25i		2.80in	7221							
ARC8			5.9	91m	8.31i	in		1815							
Power Pulse			8.4	8m	8.37i			VR53							
SonicVISION 825				′1m	8.31i			E-885							
ADN 8				21m	8.12i		0.00	42736							
Drill Collar Jar			66.0	08m 68m	8.25i 8.00i		3.00in 3.37in								
Drill Collar				l4m	8.00i 8.00i		3.37in 3.37in								
X/O)3m	7.00i		2.80in								
HWDP			140.8		5.50i		3.66in								
Survey															
MD Incl	Azim		TVD		Vsec	N	/-S	E/-\	V	DLS	S		Tool 7	уре	
(m) (deg)	(deg)		(m)		(deg)	(m)	(m))	(deg/3	0m)				
3408.001.13438.491.3															
Bulk Stocks															
N	lame					Unit		In		Use	d	Adju	ist	Bala	ance
Drill Water					MT				0		30		0		3.0
Rig Fuel					m3				0		21		0		156.0
POTABLE WATER					MT				13		29		0		240.0
Cement class G					MT				0		0		0		63.0
Bentonite					MT				0		0		0		39.0
Barite					MT				0		11		0		37.0
Brine BLENDED CEMENT					m3 MT				0 0		1 0		0 0		50.0 43.0
Helifuel					litres				0		5		0	3.	,725.0
Pumps									-		-		-	-,	,
•						N D		-							
Pump Data - Last 24 Hrs		(0() ~				Slow Pu	-			004	0000		00140	0000	
(in) (MW Eff ((ppg)) (S	SPM SF SPM) (p:	si)	(gpm)	(m)	SPM1 (SPM)	SPP1Flc (psi)		(SPM)	(psi)	1	(SPM)	(psi)	(gpm)
1 National 14 6.50 P-220	9.51	97	94 30	00	550 3	271.0	30	390	176	40	420	234	50	500	293
2 National 14 6.50 P-220		97 97	94 30	00	550 33	271.0	30 30	390	176 176	40 40	410	234 234	50 50	500	293 293



Casing														
OD	LOT / FI	T Csa	Shoe (MD/TV	וס				Cemer	ntina					
30 "		-	.00m / 151.00r					Contor	lang					
13.38	, 15.02ppg		.00m / 841.00r		sina M	ILS hanger f	or 13 375" (casing						
	el On Boa				ongn		01 10.010 0	saonig.						
reisoinn					Pa	×								
		ompany		0	Pa	x								
ADA Seadrill				3 13										
Seadrill Ser	vices.			29										
Catering	1000.			9										
Halliburton ·	Sperry			2										
Baker Hugh	es Inteq			4										
Halliburton				2										
Tamboritha		_		2										
-	er MWD/LWI	D		3										
Ian Brown			т	2 otal 69										
				03										
Mud Volu Shaker D		d Losses a	and Shale		Engin	eer : Brian A	Auckram/Tir	n Waldhuter						
Available	2715.8	bbl Losses	s 22	3.0bbl	Ec	quipment	Descr	iption	Mesh S	Size	С	omments		
Active	175.0	bbl Downh	ole		Shake	er 1	VSM-300)		2	55			
Mixing		Surf+ E	quip 22	3.0bbl	Shake		VSM-300				55			
Hole	1633.8				Shake		VSM-300				55			
		-			Shake Shake		VSM-300 VSM-300				55 55			
Slug Reserve	907.0	bbl Be-Gas	ider			er 3	VSM-300			255				
Kill		De-Silte Centrifu	er		Shake	er 4	VSM-300			2	55			
			0		Shake	er 4	VSM-300)		2	55			
Marine														
Weather on	08 Oct 2008													
Visibility	Wind Speed	Wind Dir.	Pressure	Air Te	mp.	Wave Height	Wave Dir.	Wave Period						
10.0nm	28kn	260.0deg	1016.0mbar	110	-	2.2m	240.0deg	6s	_					
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell		Swell Period		er Comments	_					
133.5deg	310.00klb	2131.00klb	-	240.0		7s	1	d swell heights	_					
100.0009	010.00110		nments	240.0	ucg	75		stimates.						
Vessel	Name A	rrived (Date/	Time) [D)eparte ate/Tim	d 1e)	Sta	atus				Bulks	5		
Pacific Battle	er					At rig		Item	Unit	In	Used	Transfer to Rig	Adjust	Quantit
								Rig Fuel Potable Water	m3 m3		3.4 5			423.2
								Drill Water	m3		5			480
								CEMENT G Barite	Mt Mt					83
								Bentonite SOBM	Mt m3					60
								Brine	m3					(
Pacific Valky	rie					Enroute to	rig	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
								Rig Fuel	m3		12			439
								Potable Water Drill Water	Mt m3		5			320
								CEMENT G Barite	Mt Mt					35
								Bentonite	Mt					(
								SOBM Base Oil	m3 m3		-			(
								Brine	m3					(



Helicopter Movement

•				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1544 / 1559	0 / 14	No Fuel Required