



DRILLING MORNING REPORT # 7
Garfish-1

31 May 2008

From: B Openshaw/S Schmidt
To: R Oliver

Well Data							
Country	Australia	MDBRT	755.0m	Cur. Hole Size	17.500in	AFE Cost	AUD\$30,111,800
Field	Garfish / Longtom	TVDBRT	755.0m	Last Casing OD		AFE No.	Garfish-1
Drill Co.	Seadrill	Progress	105.0m	Shoe TVDBRT	127.8m	Daily Cost	AUD\$650,000
Rig	West Triton	Days from spud	3.44	Shoe MDBRT	127.8m	Cum Cost	AUD\$9,882,200
Wtr Dpth(MSL)	56.3m	Days on well	6.06	FIT/LOT:	/		
RT-ASL(MSL)	39.9m	Planned TD MD	2480.0m	Current Op @ 0600	Trouble shooting problems with fully engaging well head running tool into well head.		
RT-ML	96.2m	Planned TD TVDRT	2522.9m	Planned Op	Run and cement 13 3/8" casing. Release running tool and POOH with inner string. Prepare to run high pressure riser.		

Summary of Period 0000 to 2400 Hrs
Drilled to sectional TD at 755m. Circulated hole volume, spot 500 bbls hi/vis at 755m. POOH to shoe. Wait on HPWH to arrive from town. RIH, Pumped hi/vis and displaced hole to inhibited mud 755m. POOH. Picked up well head.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		6 Days	Held for rig move.	Abandon ship drill. Good response by all personnel.
First Aid Case	1	0 Days	First aid case.	Man leaning against opened door fell and bruised armed. Fit for work.
PTW issued	9	0 Days		Permit to work issued for the day.
Safety Meeting	2	0 Days		Weekly safety meeting held at 1300 Saturday and 0045 on Sunday morning.
STOP Card	14	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 31 May 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0430	4.50	755.0m	Drilled 17 1/2" hole from 650m - 755m. 13 3/8" casing TD.
P4	P	F4	0430	0530	1.00	755.0m	Pumped 150 bbls Hi/vis and circulated hole volume and spot 500 bbls bentonite on bottom.
P4	P	G8	0530	0700	1.50	755.0m	POOH to 132m. Hole good.
P5	P	M7	0700	1500	8.00	755.0m	Wait on HPWH to arrive to rig. Mean while carry out the following tasks. Serviced Top Drive and worked on auto elevators. Lowered CTU down to Texas deck. Made up and racked back 2 stands 5.5" drill pipe and 2 stands 6" drill collars. Removed test joint from BOP'S
P4	P	G8	1500	1700	2.00	755.0m	RIH to 721m held up with 20k down.
P4	P	D6	1700	1730	0.50	755.0m	Washed and lightly reamed from 721m - 755m.
P4	P	F4	1730	1800	0.50	755.0m	Pumped 150 bbls Hi/vis and and displaced hole to inhibited mud.
P4	P	G8	1800	2100	3.00	755.0m	POOH to BHA.
P4	P	G6	2100	2300	2.00	755.0m	Laid out bit, bit sub and MWD. Racked back BHA.
P5	P	F7	2300	2400	1.00	755.0m	Rigged up and picked up well head and set in rotary table.

Operations For Period 0000 Hrs to 0600 Hrs on 01 Jun 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	F7	0000	0030	0.50	755.0m	Installed wear bushing into well head.
P5	TP (TP)	F7	0030	0330	3.00	755.0m	Picked up well head running tool from derrick, attempted to make up running tool. Running tool only rotated 2 1/2 turns. Backed out running tool, inspected running tool. Checked that wear bushing correctly seated into well head. Attempted to make up running tool 2 1/2 turns, made up top drive rotated 2 more turns then torque increased to 12,000 ft/lbs. Backed out running tool. Picked up and attempted to make up spare running tool to well head, only rotated 2 1/2 turns. Laid out running tool, installed and made up running tool to back up well head laying on catwalk, running tool rotated 8 1/2



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	F7	0330	0400	0.50	755.0m	turns, checked running position OK.
P5	TP (TP)	F7	0400	0600	2.00	755.0m	Laid out well head from rotary table to deck. Picked up back up well head with back up running tool installed. Laid out running tool from well head. Picked well head running tool from derrick and attempted to make same to well head, rotated 2 1/2 turns and then stopped. Back out running tool. Maded up top drive and rotated running tool 3 1/2 turns and tougre increased to 5000 ft/lbs. Backed out running tool.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 31 May 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)	9	31 May 2008	31 May 2008	145.50	6.063	755.0m	

General Comments

00:00 TO 24:00 Hrs ON 31 May 2008	
Operational Comments	<p>West Triton Rig Equipment Concerns</p> <ol style="list-style-type: none"> 1) Stb crane inoperable due to problem with slewing motor. 2) Port operates very slowly once hydraulic gets hot. This has a serious impact on operational efficiency - Repairs have now been effected to this crane and it appears to be working satisfactorily. 3) 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. 4) There is only one TIW valve onboard. Contract states there should be two. 5) There is no spare IBOP. Contract states there should be two. Also no repair kits in stores, so rig even more exposed. 6) Cyber system unreliable. System suffers from intermittant crashes which can require remote intervention form NOV in Norway. This has serious safety & financial consequences. 7) 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. 8) Link tilt rams bent, making handling of tubulars difficult and increasing time taken to carry out tasks.
Operational Comments	8 1/2" Jars = 15 hours.

WBM Data Cost Today AUD\$ 20

Mud Type: Prehydrated Bentonite	API FL:	Cl:	800mg/l	Solids(%vol):	Viscosity	183sec/qt
Sample-From: Pit 8	Filter-Cake:	K+C*1000:		H2O:	PV	20cp
Time: 20:00	HTHP-FL:	Hard/Ca:		Oil(%):	YP	68lb/100ft²
Weight: 8.50sg	HTHP-cake:	MBT:	38	Sand:	Gels 10s	50
Temp:		PM:		pH:	Gels 10m	60
		PF:		PHPA:	Fann 003	48
					Fann 006	51
					Fann 100	70
					Fann 200	75
					Fann 300	88
					Fann 600	108
Comment	Continue to pump 50bbl PHB high vis sweeps each stand. Pump 150bbl high vis PHB sweep at TD, circ hole clean and displace well to PHB mud. When back on bottom from wiper trip a 150bbl high vis PHB sweep was pumped and the hole was displaced to PHB/KCl mud to aid hole inhibition while tripping and running casing.					

Bit # 3	Wear	I	O1	D	L	B	G	O2	R
		2	2	WT	A	3	I	NO	TD
	Bitwear Comments:								
Size ("):	17.50in	IADC#	115	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	Smith Bits	WOB(avg)	15.00klb	No.	Size	Progress	105.0m	Cum. Progress	623.0m
Type:	Rock	RPM(avg)	150	1	18/32nd"	On Bottom Hrs	3.5h	Cum. On Btm Hrs	13.0h
Serial No.:	MZ1061	F.Rate	1000gpm	3	22/32nd"	IADC Drill Hrs	4.5h	Cum IADC Drill Hrs	19.5h
Bit Model	XR+C	SPP	1850psi			Total Revs	110407	Cum Total Revs	197662
Depth In	132.0m	HSI				ROP(avg)	30.00 m/hr	ROP(avg)	47.92 m/hr
Depth Out	755.0m	TFA	1.362						
Bit Comment									



BHA # 3							
Weight(Wet)	42.00klb	Length	203.7m	Torque(max)	9000ft-lbs	D.C. (1) Ann Velocity	103fpm
Wt Below Jar(Wet)	34.00klb	String	205.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	113fpm
		Pick-Up	210.00klb	Torque(On.Btm)	4500ft-lbs	H.W.D.P. Ann Velocity	89fpm
		Slack-Off	205.00klb			D.P. Ann Velocity	89fpm

BHA Run Description

BHA Run Comment Drill 17 1/2" hole from 132m - 755m.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.56m	17.50in		MZ1061	
Bit Sub	1.23m	9.50in	3.25in	7207	
Power Pulse	8.84m	9.63in	3.00in		
Drill Collar	9.44m	9.50in	3.00in	16392	
Stabiliser	2.16m	9.50in	3.00in	207A37	
Drill Collar	9.18m	9.63in	3.00in	3T9	
Stabiliser	1.70m	9.50in	3.00in	207A210	
X/O	0.47m	9.50in	2.88in	11558	
Drill Collar	28.31m	8.38in	2.88in		
Jars	9.45m	8.00in	3.00in	15881191	
Drill Collar	18.90m	8.38in	2.88in		
X/O	0.50m	8.25in	2.88in	XT57B	
HWDP	112.86m	5.50in	3.25in		See Tally.

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/S (m)	E/W (m)	DLS (deg/30m)	Tool Type
746.93	0.2	194.5	746.92					

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	128	0	310.0
Rig Fuel	m3	0	14	0	218.0
POTABLE WATER	MT	11	17	0	153.0
Cement Class G	MT	0	0	0	132.0
Bentonite	MT	0	0	0	22.0
Barite	MT	0	0	0	186.0

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)	SPP1Flow1 (psi)	SPM2 (SPM)	SPP2 Flow2 (psi)	SPM3 (SPM)	SPP3 Flow3 (psi)	Flow3 (gpm)	
1	National 14 P-220	6.50	1.01	97	94	2000	600		30		176	40	234	50	293	
2	National 14 P-220	6.50	1.01	97	94	2000	600		30		176	40	234	50	293	
3	National 14 P-220	6.50		97					20		117	30	176	40	234	

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.

Personnel On Board

Company	Pax
ADA	5
Seadrill	15
Seadrill Services.	41
Catering	9
Halliburton	2
Baker Hughes Inteq	2



Personnel On Board	
Halliburton	2
Tamboritha	7
Dril-Quip	1
Schlumberger MWD/LWD	3
Cameron	2
Weatherford	6
Total	95

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards/Tim Waldhuter			
Available	1835.9bbl	Losses	965.3bbl	Equipment	Description	Mesh Size	Comments
Active	286.0bbl	Downhole					
Mixing		Surf+ Equip	0.0bbl				
Hole	831.9bbl	Dumped	965.3bbl				
Slug Reserve Kill Brine	718.0bbl	De-Gasser De-Sander De-Sifter Centrifuge					

Marine							
Weather on 31 May 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	270.0deg	1026.0mbar	14C°	0.5m	190.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
111.4deg		2496.00klb	0.5m	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	22.25		At location.	Rig Fuel	m3		597.74
				Potable Water	Mt		442
				Drill Water	Mt		327
				CEMENT G	Mt		82
				Barite	Mt		66
				Bentonite	Mt		24
				MUD	m3		0
					m3		0
Pacific Valkyrie	17.00		On location.	Rig Fuel	m3		418.2
				Potable Water	Mt		443
				Drill Water	m3		437
				CEMENT G	Mt		0
				Barite	Mt		42.5
				Bentonite	Mt		28.8