



DRILLING MORNING REPORT # 55 Trefoil-2

24 Nov 2009 From: Bryan Houston / Paul Leathem

To: Texas Richards

Date: 24	4 Nov 2009	Well Site Representative:	Bryan Houston	OIM:	Brian Meechan
Report Number: 55	5	Night Representative:	Paul Leathem	Drilling Company:	Maersk
Latitude (South): 39	9 ° 53 ' 07.89 "	Longitude (East):	145 ° 22 ′ 14.87 "	Geologist:	

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Well Data							
Country	Australia	MDBRT	3235.0m	Cur. Hole Size	8.500in	AFE Cost	US\$1
Field	Trefoil	TVDBRT	3235.0m	Last Casing OD	9.625in	AFE No.	Trefoil-2
Drill Co.	Maersk	Progress	0.0m	Shoe TVDBRT	2520.0m	Daily Cost	US\$578,833
Rig	Kan Tan IV	Days from spud	49.67	Shoe MDBRT	2520.0m	Cumul. Cost	US\$38,285,617
Wtr Dpth(MSL)	69.0m	Days on well	54.13	FIT/LOT:	11.00ppg /	Last LTI Date	01 Nov 2009
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m			Days Since Last	LTI 23
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Current Op @ 0600	Rigging do	own riser pulling e	quipment.
Datum	tum GDA 94 Last BOP Test 05 Nov 2009 Planned Op RIH and cut 20/30" casing. Retrieve cut and PGB to surface. RIH and set cemer Prepare sea fastening for tow.						

Summary of Period 0000 to 2400 Hrs

Continued to pick up and make up 9 5/8" casing cutting tools and RIH same. Cut 9 5/8" at 145m. POOH casing cutter and laid out same. Picked up and made up spear assembly and RIH. Tagged top of 9 5/8" casing hanger. Applied 50klbs over pull. POOH, released spear and racked back in the mast. Laid out 9 5/8" casing hanger and casing joint. Casing backed out 1 joint below hanger while being cut. Made up casing spear and RIH to spear remainder of 9 5/8" casing while displacing riser and C&K lines from mud to seawater. POOH with casing to surface. Rigged up and laid out out 3 1/2" joints of 9 5/8" casing. Rigged down casing equipment and laid out spear assembly. Prepared to pull riser and BOPs. Pulled diverter and laid out same. Picked up and made up riser landing joint. Unlatched BOP from well head. Moved rig 25ft off of location. Disconnected MRT cables and C&K lines. Pulled landing joint. Disconnected and laid out same.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Last BOP Test	05 Nov 2009			
Abandon Drill	1	2 Days	Held abandon drill	
Emergency Drill	0	20 Days	Full Emergency drill performed	
Fire Drill	0	10 Days	Main deck - Fire in Control room	
Permit To Work	16	1 Day	Permits administered	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	0	9 Days	General safety meetings	Dropped object awareness presentation.
Safety Meeting	16	0 Days	Prejob safety meetings	
Safety Meeting	7	0 Days	Safety meetings	
STOP Card	32	0 Days	Number of STOP Cards submitted	

FORMATION	
Name	Тор
Cretaceous	3068.00m
TF50 Sand	3130.50m
TF80 Sand	3149.80m
Base TF110 Sand	3180.00m
Total Depth (TD)	3235.00m

Operations For Period 0000 Hrs to 2400 Hrs on 24 Nov 2009

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description						
P21	Р	G8	0000	0100	1.00	3235.0m	Continued to pick up and make up 9 5/8" casing cutting tools and RIH same.						
P21	Р	G17	0100	0130	0.50	3235.0m	Cut 9 5/8" at 145m with 90gpm/745psi/85rpm/3k torque.						
P21	Р	G8	0130	0230	1.00	3235.0m	Flow checked. POOH casing cutter and laid out same.						





Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P21	Р	G8	0230	0330	1.00	3235.0m	Picked up and made up spear assembly and RIH.
P21	Р	G8	0330	0430	1.00	3235.0m	Tagged top of 9 5/8" casing hanger and applied 10klbs down weight. Applied 50klbs over pull to release hanger and 9 5/8" casing. POOH, released spear and racked back in the mast. Fish at surface at 04.10 hrs.
P21	Р	G1	0430	0530	1.00	3235.0m	Rigged up casing tongs and laid out 9 5/8" casing hanger and casing joint. Casing backed out 1 joint below hanger while being cut.
P21	TP (WB)	G18	0530	0700	1.50	3235.0m	Made up casing spear and RIH to spear remainder of 9 5/8" casing while displacing riser and C&K lines from mud to seawater. POOH with casing to surface.
P21	Р	G9	0700	0800	1.00	3235.0m	Hold PJSM. Rigged up casing handling equipment and laid out 9 5/8" casing.
P21	Р	G1	0800	0900	1.00	3235.0m	Rigged down casing equipment and laid out spear assembly.
P21	Р	G13	0900	1130	2.50	3235.0m	Prepared to pull riser and BOPs.
P21	Р	G13	1130	1300	1.50	3235.0m	Pulled diverter and laid out same.
P21	Р	G13	1300	1700	4.00	3235.0m	Held PJSM. Picked up riser landing joint and connected to slip joint.
P21	Р	G13	1700	1730	0.50	3235.0m	Unlatched BOP from well head (360klbs MRTs/ 264klbs DSC).
P21	Р	M2	1730	1800	0.50	3235.0m	Moved rig 25ft off location.
P21	Р	G13	1800	2230	4.50	3235.0m	Disconnected MRT cables and C&K lines from the slip joint in the moon pool.
P21	Р	G13	2230	2400	1.50	3235.0m	Pulled landing joint. Disconnected and laid out same.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Nov 2009

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description		
P21	Р	G13	0000	0100	1.00	3235.0m	Pulled slip joint. Disconnected and laid out same.		
P21	Р	G13	0100	0230	1.50	3235.0m	Continued to pull riser and BOPs		
P21	Р	G13	0230	0600	3.50	3235.0m BOP at surface. Secured BOP on Nomar carrier. Disconnected riser from BOF out same while moving BOP to aft of moon pool area.			

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 24 Nov 2009						
Phase	Phase Hrs	Start On	Finish On	Cumul. Hrs	Cumul. Days	Max Depth
Mob/Demob(P1)	69.5	21 Sep 2009	04 Oct 2009	69.50	2.896	0.0m
Conductor Hole(P2)	53.5	04 Oct 2009	06 Oct 2009	123.00	5.125	155.0m
Conductor Casing(P3)	30	07 Oct 2009	08 Oct 2009	153.00	6.375	155.0m
Surface Hole(P4)	68	08 Oct 2009	11 Oct 2009	221.00	9.208	935.0m
Surface Casing(P5)	36	11 Oct 2009	12 Oct 2009	257.00	10.708	935.0m
BOPs/Risers(P6)	61.5	12 Oct 2009	15 Oct 2009	318.50	13.271	935.0m
Production Hole (1)(P11)	176.5	15 Oct 2009	22 Oct 2009	495.00	20.625	2520.0m
Production Casing(1)(P13)	359	22 Oct 2009	06 Nov 2009	854.00	35.583	2520.0m
Liner Hole (1)(P17)	359.5	06 Nov 2009	21 Nov 2009	1,213.50	50.563	3235.0m
Suspend and Abandon(P21)	85.5	21 Nov 2009	24 Nov 2009	1,299.00	54.125	3235.0m

WBM Data				Cost Toda	y US\$ 1811					
Mud Type:	KCI	API FL:	5.2cc/30min	CI:	38000mg/l	Solids(%vol):	4%	Viscosity	55sec/qt	
0	POLYMER	Filter-Cake: 1/32nd"		K+C*1000:	6%	H2O: 93%		PV YP	10cp 40lb/100ft ²	
Sample-From:	2	HTHP-FL:	11.0cc/30min	Hard/Ca:	720mg/l	Oil(%):		Gels 10s	11	
Time:	22:00 hrs	HTHP-cake:	1/32nd"	MBT:	8	Sand:	.3	Gels 10m	17	
Weight:	9.50ppg	HIHF-Cake.	1/32110		0	Sanu.	.3	Fann 003	10	
	о.оорру			PM:	0.1	pH:	8.5	Fann 006	12	
Temp:				PF:	0.1	PHPA:	2ppb	Fann 100	29	
					0.1	111170	2000	Fann 200	39	
Comment		Note: Cost is in	n AUD					Fann 300	50	
								Fann 600	60	

Bulk Stocks Name Unit In Used Adjust Balance Rig Fuel m3 0 12 0 327.0 Drill Water 622.0 0 51 0 m3 Pot Water m3 52 18 0 228.0 Brine m3 0 0 0 180.0 Barite MT 0 0 0 81.6 Baradefoam-W300 0 0 0 8.0 can Barolift 0 0 0 16.0 boxes





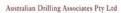
Bulk Stocks									
Name	Unit	In	Used	Adjust	Balance				
Bentonite	MT	0	0	0	46.0				
Caustic Soda	pail	0	0	0	0.0				
Lime	sx	0	0	0	0.0				
Soda Ash	sx	0	0	0	33.0				
Sodium Bicarbonate	25kg sx	0	0	0	38.0				
Shaker Screen 50	Screens	0	0	0	8.0				
Citric Acid	Sacks	0	0	0	78.0				

Pu	ımps																
Pu	Pump Data - Last 24 Hrs								Slow Pump Data								
No.	Туре	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1FI (psi)	low1(gpr	n)SPM2 (SPM)					Flow3 (gpm)
1	Continental Emsco	6.50	1.12	97					30			40			50		
2	Continental Emsco	6.50	1.12	97					30			40		336	50	560	420
3	Continental Emsco	6.50	1.12	97					30			40			50	600	420

Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	153.00m / 153.00m	30" Cement Job: Pumped 50 bbls spacer ahead. Mixed 260 bbls of 15.8ppg (53 MT) class G cement with 155 bbls of seawater. Displaced with 72.4 bbls of seawater.
13.38	15.15ppg /	930.00m / 930.00m	13 3/8" Cement Job: Pumped 50 bbls of spacer ahead. Mixed 436 bbls (35 MT) of 11.5 ppg lead cement with 368 bbls of mix water. Mixed 67 bbls (14 MT) of 15.8 ppg tail cement with 40 bbls of mix water. Displaced with 412 bbls of seawater.
9.63	/ 11.00ppg	2520.00m / 2520.00m	No Cmt

Personnel On Board							
Company		Pax					
ADA		4					
Maersk		40					
GRN		5					
OMS		20					
Dril-Quip		1					
Geoservices		2					
Halliburton Cementers		2					
Halliburton (Baroid)		2					
PCS		3					
Fugro ROV		3					
Smith Services		2					
Other Contractor		4					
Reach		1					
	Total	89					

Mud Volun Shaker Da	•	osses and Shale		Engineer : Jay Wan / James Munford					
Available	1524.9bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments		
Active	360.8bbl	Downhole		Shaker 1	Brandt VSM 300	20 top/50 bottom			
Mixing	0.0bbl	Surf+ Equip	0.0bbl	Shaker 2 Shaker 3	Brandt VSM 300 Brandt VSM 300	20 top/50 bottom 20 top/50 bottom			
Hole	859.9bbl	Dumped		Shaker 4	Brandt VSM 300	20 top/50 bottom			
Slug		De-Gasser							
Reserve	304.2bbl	De-Sander							
Kill		De-Silter							
		Centrifuge Left Behind							







Marine												
Weather on 24	Nov 20	009								Rig Sı	upport	
Visibility	Wind	Speed	Wind Dir.	Pressure Air Ten		Temp. Wave Height		Wave Dir.	Wave Period	Anchors		Tension (klb)
10.0nm	13	kn	288.0deg	1020.0mbar	.0mbar 14C°		4.0m	240.0deg	240.0deg 2s		1	232.0
Heave	Heave Pitch Roll		Rig Dir.	Ris. Tension		VDL	Weather Comments		2		77.0	
5.0m	5.0m 0.8deg 2.4deg		317.0deg	240000.00k		116684.00klb			3		55.0	
	Swel		Swell Period			110004.001115	-			4	297.0 116.0	
Swell Height	Swei	ı Dir.	Swell Period	Comments			-			5	197.0	
5.0m	240.0	Odeg	5s								6	
			1	1				1			7 8	225.0 152.0
Vessel Name Arrived (Date/Time)				Departed Status (Date/Time)			Bulks					
Far Scimitar					KT4		andby.	Item	ı	Unit	Used	Quantity
							Rig Fuel		МЗ		481	
								Potable Water		М3		139
								Drill Water		M3		637 0
								Barite		t t		0
								Bentonite		t		0
								Brine		M3		112
0000- 2400 Rig 8 Dumped 180m3		ater for s	stability.									
Far Fosna			23.30 24/11/09	2	22/11/09	Rig Stb	у	Item	ı	Unit	Used	Quantity
								Rig Fuel		М3		624
								Pot Water		М3		388
								Drill Water Bentonite		M3 t		600 42
								Barite		t		42
										t		130
								Brine		МЗ		0
Arrived F/Melbou	ırne @ 2	3.30hrs				•		-				