

DRILLING MORNING REPORT # 55
Trefoil-2

24 Nov 2009

 From: Bryan Houston / Paul Leathem
 To: Texas Richards

Trefoil-2					
Date:	24 Nov 2009	Well Site Representative:	Bryan Houston	OIM:	Brian Meechan
Report Number:	55	Night Representative:	Paul Leathem	Drilling Company:	Maersk
Latitude (South):	39 ° 53 ' 07.89 "	Longitude (East):	145 ° 22 ' 14.87 "	Geologist:	

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 down riser pulling equipment.	
Datum	GDA 94	Last BOP Test	05 Nov 2009	Planned Op	RIH and cut 20/30" casing. Retrieve cut casing and PGB to surface. RIH and set cement plug. 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	Top
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)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G8	0000	0100	1.00	3235.0m	Continued to pick up and make up 9 5/8" casing cutting tools and RIH same.
P21	P	G17	0100	0130	0.50	3235.0m	Cut 9 5/8" at 145m with 90gpm/745psi/85rpm/3k torque.
P21	P	G8	0130	0230	1.00	3235.0m	Flow checked. POOH casing cutter and laid out same.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G8	0230	0330	1.00	3235.0m	Picked up and made up spear assembly and RIH.
P21	P	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	P	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	P	G9	0700	0800	1.00	3235.0m	Hold PJSM. Rigged up casing handling equipment and laid out 9 5/8" casing.
P21	P	G1	0800	0900	1.00	3235.0m	Rigged down casing equipment and laid out spear assembly.
P21	P	G13	0900	1130	2.50	3235.0m	Prepared to pull riser and BOPs.
P21	P	G13	1130	1300	1.50	3235.0m	Pulled diverter and laid out same.
P21	P	G13	1300	1700	4.00	3235.0m	Held PJSM. Picked up riser landing joint and connected to slip joint.
P21	P	G13	1700	1730	0.50	3235.0m	Unlatched BOP from well head (360klbs MRTs/ 264klbs DSC).
P21	P	M2	1730	1800	0.50	3235.0m	Moved rig 25ft off location.
P21	P	G13	1800	2230	4.50	3235.0m	Disconnected MRT cables and C&K lines from the slip joint in the moon pool.
P21	P	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)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G13	0000	0100	1.00	3235.0m	Pulled slip joint. Disconnected and laid out same.
P21	P	G13	0100	0230	1.50	3235.0m	Continued to pull riser and BOPs
P21	P	G13	0230	0600	3.50	3235.0m	BOP at surface. Secured BOP on Nomar carrier. Disconnected riser from BOP and laid 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 Today US\$ 1811

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

Bulk Stocks

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

Marine										
Weather on 24 Nov 2009								Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)	
10.0nm	13kn	288.0deg	1020.0mbar	14C°	4.0m	240.0deg	2s	1	232.0	
Heave	Pitch	Roll	Rig Dir.	Ris. Tension	VDL	Weather Comments				
5.0m	0.8deg	2.4deg	317.0deg	240000.00klb	116684.00klb					
Swell Height	Swell Dir.	Swell Period	Comments							
5.0m	240.0deg	5s								
								8	152.0	
Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Far Scimitar			KT4 Standby.	Item	Unit	Used	Quantity			
				Rig Fuel	M3		481			
				Potable Water	M3		139			
				Drill Water	M3		637			
					t		0			
				Barite	t		0			
				Bentonite	t		0			
				Brine	M3		112			
0000- 2400 Rig Stby Dumped 180m3 of drill water for stability.										
Far Fosna	23.30 24/11/09	22/11/09	Rig Stby	Item	Unit	Used	Quantity			
				Rig Fuel	M3		624			
				Pot Water	M3		388			
				Drill Water	M3		600			
				Bentonite	t		42			
				Barite	t		40			
					t		130			
				Brine	M3		0			
Arrived F/Melbourne @ 23.30hrs										