

DRILLING MORNING REPORT # 58
Trefoil-2

27 Nov 2009

 From: Bryan Houston / Kevin Monkhouse
 To: Texas Richards

Trefoil-2						
Date:	27 Nov 2009	Well Site Representative:	Bryan Houston	OIM:	Brian Meechan	
Report Number:	58	Night Representative:	Kevin Monkhouse	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\$33,167,745
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\$544,060
Rig	Kan Tan IV	Days from spud	52.67	Shoe MDBRT	2520.0m	Cumul. Cost	US\$39,944,894
Wtr Dpth(MSL)	69.0m	Days on well	57.13	FIT/LOT:	11.00ppg /	Last LTI Date	01 Nov 2009
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m			Days Since Last LTI	26
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Current Op @ 0600	Laying down excess tubulars from mast.		
Datum	GDA 94	Last BOP Test	05 Nov 2009	Planned Op	Lay down excess tubulars from mast. Sea fasten equipment. Deballast rig to transit draft. Recover anchors.		

Summary of Period 0000 to 2400 Hrs
Engaged 20" casing stub with spear and recovered to surface. Made up and RIH with 30" casing cutter assembly. Landed stop ring on well head and cut 30" casing at 97.88m. Unable to pull PGB and 30" housing with guideline tensioners (11klbs pull on tensioner). POOH with casing cutter. Ran PGB retrieval tool and latched onto PGB and commenced pulling PGB to surface. PGB RT disengaged and continued to pull PGB to surface with guideline winches. RIH with cement stinger to 203m and cemented as per program. POOH to top of 30" conductor and flushed drill string. ROV completed seabed survey. Laid down excess tubulars. At 22:00 hrs commenced recovery of anchors #5 and #8.

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 27 Nov 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G18	0000	0030	0.50	3235.0m	Engaged 20" casing fish with spear and confirmed with ROV.
P21	P	G8	0030	0100	0.50	3235.0m	POOH with spear assembly and 20" casing stub.
P21	P	G5	0100	0230	1.50	3235.0m	Laid out spear assembly with fished casing stub attached.
P21	P	G7	0230	0330	1.00	3235.0m	Made up 30" casing cutting assembly.
P21	P	G8	0330	0500	1.50	3235.0m	Made up DCs to cutting assembly and secured ropes to guide lines. RIH with casing cutter assembly and stabbed into wellhead.
P21	P	G17	0500	0830	3.50	3235.0m	Landed stop collar on wellhead with 10klbs down weight and commenced cutting 30" casing at 97.88m while maintaining 18.4klbs tension on the PGB with the guide lines (80rpm, 150gpm, 800psi, 10k weight down, 5k ft-lbs torque.)
P21	P	G7	0830	1130	3.00	3235.0m	Picked up PGB running tool and attached guide bridles to guide wires.
P21	P	G10	1130	1630	5.00	3235.0m	RIH and latched onto PGB with ROV assistance and pulled to surface. PGB running tool disengaged. Pulled PGB to surface with guide wires.
P21	P	G8	1630	1730	1.00	3235.0m	Made up 5" cement mule shoe and RIH to 203m.
P21	P	F3	1730	1930	2.00	3235.0m	Cemented as per program. Tested lines to 1000psi. Cement slurry: 70bbl, 15.9ppg, 341sx of G cement. Observed cement returns at seabed.
P21	P	G8	1930	2000	0.50	3235.0m	Rigged down cement assembly. POOH to above seabed and flushed drill string.
P1	P	G2	2000	2200	2.00	3235.0m	Laid down excess tubulars in mast.
P1	P	M4	2200	2400	2.00	3235.0m	Commenced pulling anchor #8 at 22:00hrs and anchor #5 at 22:29hrs.

Operations For Period 0000 Hrs to 0600 Hrs on 28 Nov 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M4	0000	0130	1.50	3235.0m	00:40 Anchor #8 suspended at cow catcher. 01:10 Anchor #5 suspended at cow catcher.
P1	P	G2	0130	0600	4.50	3235.0m	(IN PROGRESS) Waited on weather. Winds gusting 40knts, heave 3m to 4m. Pitched max 4.5deg, rolled max 3.5deg. Continued to lay down tubulars from mast.

Phase Data to 2400hrs, 27 Nov 2009

Phase	Phase Hrs	Start On	Finish On	Cumul. Hrs	Cumul. Days	Max Depth
Conductor Hole(P2)	53.5	04 Oct 2009	06 Oct 2009	53.50	2.229	155.0m
Conductor Casing(P3)	30	07 Oct 2009	08 Oct 2009	83.50	3.479	155.0m
Surface Hole(P4)	68	08 Oct 2009	11 Oct 2009	151.50	6.313	935.0m
Surface Casing(P5)	36	11 Oct 2009	12 Oct 2009	187.50	7.813	935.0m
BOPs/Risers(P6)	61.5	12 Oct 2009	15 Oct 2009	249.00	10.375	935.0m
Production Hole (1)(P11)	176.5	15 Oct 2009	22 Oct 2009	425.50	17.729	2520.0m
Production Casing(1)(P13)	359	22 Oct 2009	06 Nov 2009	784.50	32.688	2520.0m
Liner Hole (1)(P17)	359.5	06 Nov 2009	21 Nov 2009	1,144.00	47.667	3235.0m
Mob/Demob(P1)	73.5	21 Sep 2009	27 Nov 2009	1,217.50	50.729	3235.0m
Suspend and Abandon(P21)	153.5	21 Nov 2009	27 Nov 2009	1,371.00	57.125	3235.0m

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