

**DRILLING MORNING REPORT # 4**  
**Trefoil-2**
**04 Oct 2009**
**From:** John Mcgarrity/ Peter Dane  
**To:** Texas Richards

Well Data						
Country	Australia	MDBRT	0.0m	Cur. Hole Size	AFE Cost	US\$33,167,745
Field	Trefoil	TVDBRT	0.0m	Last Casing OD	AFE No.	Trefoil-2
Drill Co.	Maersk	Progress	0.0m	Shoe TVDBRT	Daily Cost	US\$ 0
Rig	Kan Tan IV	Days from spud		Shoe MDBRT	Cum Cost	US\$2,367,261
Wtr Dpth(MSL)	69.0m	Days on well	3.13	FIT/LOT:	/	
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m	Current Op @ 0600	Picking up 5" drill pipe and racking in derrick.	
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Planned Op	Complete picking up 5" drill pipe. Make up cement stand and rack in derrick. Make up 36" BHA. RIH to seabed. Spud well. Drill 36" hole to section TD.	

**Summary of Period 0000 to 2400 Hrs**

Completed ballasting rig down to drilling draft. Cross tension anchors. Position rig over location. Fugro confirmed location and heading. Jumped ROV and conducted seabed survey. Made up 30" running tool. Picked up 15 x 5" HWDP.

**HSE Summary**

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 Days	Held abandon Drill prior to tow.	
Last BOP stack test	2	30 Days	Test BOP	
Permit To Work	9	0 Days	Permits administerd.	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	2	0 Days	Held 2 x General Safety Meeting	
STOP Card	16	0 Days	Number of STOP Cards submitted	

**Operations For Period 0000 Hrs to 2400 Hrs on 04 Oct 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0030	0.50	0.0m	Ballast rig down to drilling draft.
P1	TP (RE)	M3	0030	0130	1.00	0.0m	Stopped ballasting rig down due to leaking sounding pipe on starboard #9 ballast tank. Pumped out water prior to repairing leaking sounding pipe.
P1	TP (RE)	M3	0130	0430	3.00	0.0m	Welder repaired leaking sounding pipe on starboard #9 ballast tank.
P1	TP (RE)	M3	0430	0800	3.50	0.0m	Leak fixed. Pumping water from port pump room with wilden pumps due to leaking pressure gauge on propellor shaft oil seal.
P1	P	M3	0800	1400	6.00	0.0m	Ballast rig down to drilling draft. (20m)
P1	P	M5	1400	1730	3.50	0.0m	Cross Tension Anchors.
P1	P	M5	1730	1830	1.00	0.0m	Position rig over location. Fugro confirm position. Final Rig Heading: 316.79 deg. Latitude: 39 deg 53'07.9321"S Longitude: 145 deg 22'14.6192"E Position is 5.67m @264.45 deg T (263.40 deg G) FROM intended location.
P2	P	G1	1830	2000	1.50	0.0m	Rigged up to pick up 5" tubulars. Laid out and measured 5" HWDP prior to picking up same. Concurrently rigged up bulk hoses to Far Scimitar.
P2	P	G2	2000	2200	2.00	0.0m	Held toolbox meeting with drill crew and deck crew prior to picking up tubulars. Picked up 3 joints of 5" HWDP, crossover and made up Dril-Quip 30" housing running tool. Racked back same in derrick. Drifted all tubulars with 3" drift.
P2	P	G2	2200	2400	2.00	0.0m	Picked up 12 x 5" HWDP and racked back same in derrick. Drifted all tubulars with 3" drift.

**Operations For Period 0000 Hrs to 0600 Hrs on 05 Oct 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	G2	0000	0030	0.50	0.0m	Picked up 3 x 5" HWDP and racked back same in derrick. Drifted all tubulars with 3" drift.
P2	P	G2	0030	0600	5.50	0.0m	Picked up 75 joints of 5" HWDP and racked back same in derrick. Drifted all tubulars with 3" drift.

**Phase Data to 2400hrs, 04 Oct 2009**

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	69.5	21 Sep 2009	04 Oct 2009	69.50	2.896	0.0m
Conductor Hole(P2)	5.5	04 Oct 2009	04 Oct 2009	75.00	3.125	0.0m

**General Comments**

00:00 TO 24:00 Hrs ON 04 Oct 2009

<b>Operational Comments</b>	Ballested rig down to 66 ft (20.1m) drilling draft.
<b>Operational Comments</b>	Jumped ROV. Conducted seabed survey
<b>Operational Comments</b>	All anchors - tensioned to 70 (kips)

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Rig Fuel	m3	100	14	0	589.0
Drill Water	m3	376	0	0	426.0
Potable Water	m3	53	26	0	148.0
Aldacide	25kg/pail	32	0	0	64.0
Barazan D+	25kg/sx	80	0	0	160.0
Barite	MT	84	0	0	84.0
Baradefoam-W300	can	16	0	0	32.0
Barolift	boxes	18	0	0	36.0
Bentonite	MT	0	0	0	0.0
Caustic Soda	pail	32	0	0	64.0
Con-Det	5 gal/pail	32	0	0	64.0
Dextrid Lte	25kg/sx	72	0	0	144.0
Guar Gum	25kg/sx	80	0	0	160.0
Lime	sx	54	0	0	108.0
Mica	25kg/sx	40	0	0	80.0
Omyacarb 5	25kg/sx	96	0	0	192.0
Pac-LE	25kg/sx	80	0	0	160.0
Soda Ash	sx	40	0	0	80.0

**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)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	Continental Emsco	6.50		97													
2	Continental Emsco	6.50		97													
3	Continental Emsco	6.50		97													

**Personnel On Board**

Company	Pax
ADA	5
Maersk	48
OMS	14
GRN	2
Noble Denton	1
Halliburton	2
Dril-Quip	2
Halliburton (Baroid)	2
Reach	1
PCS	3
Fugro ROV	6
Fugro Survey	2
Halliburton	2
Other	4

Personnel On Board	
Total	94

### Marine

Weather on 04 Oct 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
8.0nm	13kn	268.0deg	1018.0mbar	9C°	1.3m	268.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
317.0deg		508.00klb	1.8m	245.0deg	5s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Far Scimitar		23:55 hrs 04/10/09	Enroute to Geelong	Barite	t		0
				Bentonite	t		42
					t		120
				Potable Water	M3		0
				Drill Water	M3		0
				Rig Fuel	M3		0

ETA Geelong Pilot at 06:00 rs 05/10/09

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Far Fosna	0600		Standby Kan Tan 1V	Barite	t		42
				Bentonite	t		42
					t		126
				Drill Water	M3		640
				Pot Water	M3		390
				Rig Fuel	M3		260

### Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	09:58 / 10:14	11 / 7	