

10 Oct 2009

 From: John Mcgarrity/ Peter Dane
 To: Texas Richards

DRILLING MORNING REPORT # 10
Trefoil-2

Well Data							
Country	Australia	MDBRT	935.0m	Cur. Hole Size	17.500in	AFE Cost	US\$33,167,745
Field	Trefoil	TVDBRT	935.0m	Last Casing OD	30.000in	AFE No.	Trefoil-2
Drill Co.	Maersk	Progress	86.0m	Shoe TVDBRT	153.0m	Daily Cost	US\$ 0
Rig	Kan Tan IV	Days from spud	4.67	Shoe MDBRT	153.0m	Cum Cost	US\$9,832,091
Wtr Dpth(MSL)	69.0m	Days on well	9.13	FIT/LOT:	/		
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m	Current Op @ 0600	Running 13 3/8" casing		
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Planned Op	Complete running 13 3/8" casing. Cement and displace 13 3/8" casing. Run BOP.		

Summary of Period 0000 to 2400 Hrs

Drilled 17.5" hole from 849m to 935m. Circulated hole clean. Made wiper trip to 153m. Washed and reamed from 582m to 935m. Displaced hole with 1200 bbls of 9 ppg pad mud. POOH to 102m. Massive cuttings around PGB. Rigged up lines in moonpool to assist washing wellhead and PGB. POOH with BHA.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	10 Days	Held abandon Drill prior to tow.	
Last BOP stack test	2	36 Days	Test BOP	
Permit To Work	9	0 Days	Permits administered.	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	2	6 Days	Held 2 x General Safety Meeting	
STOP Card	44	0 Days	Number of STOP Cards submitted	

FORMATION

Name	Top
Torquay Group	95.00m
Lower Miocene Seismic Marker	918.00m

Operations For Period 0000 Hrs to 2400 Hrs on 10 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D8	0000	0600	6.00	935.0m	Drilled 17.5" hole from 849m to 935m with seawater. Average Parameters: ROP 13.3 m/hr, RPM 150, WOB -8-14k, flow rate 1150 gpm, SPP 2420 psi, Torque 4-8 Kibs/ft. Pumped 40 bbls sweep per single and 40 bbls prior to each connection
P4	P	F4	0600	0730	1.50	935.0m	Pumped 50 bbls of hi-vis and circulated well clean.
P4	P	G8	0730	0830	1.00	935.0m	POOH. Tight hole from 903m. Back reamed to 832m. Max overpull 30k.
P4	P	G8	0830	1000	1.50	935.0m	POOH on elevators from 832m to 30"/20" shoe at 153m.
P4	P	G8	1000	1030	0.50	935.0m	RIH. Took 30k down weight at 582m.
P4	P	F1	1030	1500	4.50	935.0m	Washed and reamed from 582m to 639m at 20 RPM, 1150 GPM, 2010 psi.
P4	P	F3	1500	1600	1.00	935.0m	Pumped 100 bbls hi vis mud, sweep and displaced out with seawater.
P4	P	F3	1600	1700	1.00	935.0m	Took check survey shot. Pumped 1200 bbls of 9.0 ppg pad mud whilst reciprocating pipe.
P4	P	G8	1700	1900	2.00	935.0m	POOH to shoe at 153m. No drag observed.
P4	P	G6	1900	2000	1.00	935.0m	Held JSA with drill crew. POOH with BHA from 153m to 102m.
P4	P	G12	2000	2330	3.50	935.0m	Massive amounts of cuttings. Rigged up lines in moonpool area to assist whilst washing wellhead and PGB at 260 spm, 1600 psi. Rigged down lines.
P4	P	G6	2330	2400	0.50	935.0m	POOH with BHA from 102m to 25m.

Operations For Period 0000 Hrs to 0600 Hrs on 11 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	G6	0000	0200	2.00	935.0m	Handle BHA. Continue POOH with BHA. Retrieved MWD probe.
P5	P	G1	0200	0300	1.00	935.0m	Picked up cement stand and RIH and laid out side FOSV, side entry sub, FOSV. Picked up Halliburton SSR cement head and made up same. Racked cement stand back in

Equipment	Length	OD	ID	Serial #	Comment
Drill Collar	18.63m	8.25in		1160	
Drilling Jars	9.68m	8.00in		1158	
Drill Collar	75.33m	8.25in			
X/Over Sub	1.09m	5.00in	3.00in		
HWDP	113.04m				

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
812.12	0.7		812.09	6.3	6.3	0.0	0.0	MWD
868.19	0.3		868.16	6.8	6.8	0.0	0.7	MWD
896.77	1.0		896.74	7.2	7.2	0.0	2.4	MWD
925.97	0.7		925.93	7.6	7.6	0.0	1.0	MWD

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Rig Fuel	m3	0	7	0	511.0	
Drill Water	m3	0	73	0	306.0	
Pot Water	m3	18	20	0	220.0	
Brine	m3	0	0	0	88.0	
Barazan D+	25kg/sx	0	16	0	48.0	
Barite	MT	0	0	0	47.0	
Baradefoam-W300	can	0	0	0	16.0	
Barolift	boxes	0	0	0	18.0	
Bentonite	MT	0	0	0	0.0	
Caustic Soda	pail	0	8	0	26.0	
Con-Det	5 gal/pail	0	0	0	32.0	
Dextrid Lte	25kg/sx	0	0	0	216.0	
Guar Gum	25kg/sx	0	0	0	20.0	
Lime	sx	0	0	0	50.0	
Mica	25kg/sx	0	0	0	40.0	
Omyacarb 5	25kg/sx	0	0	0	240.0	
Pac-LE	25kg/sx	0	0	0	110.0	
Soda Ash	sx	0	9	0	63.0	
Shaker Screen 110	box	0	0	0	24.0	
Shaker Screen 140	box	0	0	0	40.0	
Shaker Screen 175	box	0	0	0	24.0	
Shaker Screen 50	box	0	0	0	24.0	
Shaker Screen 210	box	0	0	0	24.0	
Sodium Bicarbonate	25kg sx	0	0	0	48.0	
Rig Fuel	m3	0	0	0	561.0	
Drill Water	m3	0	0	0	416.0	
Potable Water	m3	0	0	0	208.0	
Aldacide	25kg/pail	0	0	0	26.0	

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 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	Continental Emsco	6.50		97	80	1200	400									
2	Continental Emsco	6.50		97	80	1200	400									
3	Continental Emsco	6.50		97	80	1200	400									

Personnel On Board	
Company	Pax
ADA	8

Personnel On Board

Maersk	44
OMS	15
GRN	3
Halliburton	2
Dril-Quip	2
Halliburton (Baroid)	2
Reach	1
PCS	3
Fugro ROV	6
Halliburton	2
Geoservices	3
Other	4
Total	95

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Jay Wan / Kosta Georgiou

Available	4176.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	2059.5bbl	Downhole					
Mixing		Surf+ Equip	0.0bbl				
Hole	896.5bbl	Dumped					
Slug Reserve	1110.0bbl	De-Gasser De-Sander					
Kill	110.0bbl	De-Silter Centrifuge					

Marine

Weather on 10 Oct 2009

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	55.0deg	1031.0mbar	9C°	1.3m	55.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
317.0deg		161.00klb	1.2m	100.0deg	5s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Far Scimitar		08:30 hrs 9/10/09	Enroute to Geelong	Rig Fuel	M3		656
				Potable Water	M3		523
				Drill Water	M3		196
					t		55
				Barite	t		0
				Bentonite	t		42
				Brine	M3		190
Far Fosna	08:30 9/10/09		Standby Rig	Rig Fuel	M3		422
				Pot Water	M3		493
				Drill Water	M3		590
				Bentonite	t		0
				Barite	t		42
					t		0
				Brine	M3		184